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HYDROLOGICAL MEMORANDA NO. 21

# RAINFALL OVER THE AREAS OF THE KENT AND THE EAST AND WEST SUSSEX RIVER BOARDS, 1916-1950

## 1. Rainfall, 1916-1950;

1.1. Introduction. The estimation of standard-period averages for the months or for the year, is carried out in three stages; the selection of sound, homogeneous records complete for the 35 years, 1916-1950, which provide arithmetic means of monthly and annual rainfall, the basic values for all other work; the estimation of standard-period, annual averages for short-period stations; the estimation of standard-period, monthly averages for stations in the second group, where these are needed for special purposes.

A detailed account of the methods developed and used in the Meteorological Office (M.O.3) to estimate standard-period averages for short-period records, is given in Hydrological Memoranda No.5.

It is possible to process the data in a number of ways but the maps and tables are presented here in the simplest, most precise forms in order to be of use to a wide range of enquirers.

1.2. The Primary Survey, for Great Britain and Northern Ireland, of stations with complete records during 1916-1950, included some cases where the site had been changed to one with a better exposure and observations from both sites had been recorded for a few years. Attempts were made to amend the earlier readings by comparison of the data during a period of overlap, in order to have a set of values from 1916, to the date of the change, which would be representative of the later, and better, record. But since the earlier exposures were usually unsatisfactory (being over-exposed or over-sheltered), the results were mostly erratic and the amended sets of values were not homogeneous. In a few cases, small breaks in a long record were completed by using estimated values, based on a nearby station, with or without the use of a modifying factor.

On the many records examined, monthly and annual averages were accepted for 58 stations, 40 for Kent, 11 for East Sussex and 7 for West Sussex. The accepted values (in inches), together with the proportions (per cent) of each monthly average to the annual average, are given in Table I, together with the altitude and the National Grid reference for each station. Most of these averages were included in H.M.S.O. publication, M.O.635, "Averages of Rainfall for Great Britain and Northern Ireland, 1916-1950", some were omitted because other stations were so near.

The percentage proportion of monthly averages to the annual averages for the long-period stations were used to draw a series of twelve monthly maps from which it is possible to estimate the percentage of average annual rainfall, for any place, for each month of the year. These maps are shown as Figure 1. Values estimated for a few points between the isopercental lines have been added to give a clearer indication of the variations from place to place. The points chosen are not necessarily the same for each map.

1.3. The Secondary Survey of short-period stations was undertaken next, using records up to the time of the survey, usually into the late 1950's. Long-period stations, whose averages had been rejected from the Primary Survey because the record was not homogeneous, were examined again and averages were estimated for the later (and usually improved) part of the series of observations. Averages based on data for less than 5 years were not usually accepted for publication.

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A list of the accepted averages, for the short-period stations, is given in Table II together with the altitude and National Grid reference for each. The stations are listed in an order based on natural drainage areas which will be used for the first time in British Rainfall, 1961.

These averages, together with the long-period averages listed in Table I, were plotted on Ordnance Survey Maps (scale 4 miles to the inch), and used to draw the lines of average annual rainfall, 1916-1950. The map is shown as Figure 2. The Secondary Survey is frequently revised for special areas using the most up-to-date observations for relatively new stations and the map is subject to revision from time to time. The redrawing of the isohyets usually results in greater detail and perhaps a clearer definition of a wet area as more and more observations become available from improved River Board networks of rain-gauges. Drastic changes are not expected. In Tables I,II and III with a few exceptions, the averages quoted are for records still being maintained in 1963.

1.4. Monthly Averages for a further group of stations were next estimated for use in the Monthly Weather Report and for enquiries. For this purpose some stations were chosen from those listed in Table II to supplement those listed in Table I. To find the monthly averages, the monthly proportions (per cent of annual average) were chosen from the equipercental maps (see Fig. 1) so that the total for the twelve months was 100. These monthly percentages were then used to apportion the annual average (in inches) amongst the months. The results are given in Table III.

1.5. Daily Rainfall, 1916-50. Six of the initial 58 records which were accepted for the Primary Survey (1.2.) were analysed further. These records had regular daily entries, for the 24-hour period 0900 to 0900, for each of the 35 years, 1916-1950. Table IVa gives for each of the stations, the 35-year totals for each day of the year (in inches). Table IVb gives 1/35 of all possible totals from .17 in. to 24.67., thus providing a reduction table for the values in IVa to give average daily falls from "trace" to .70 in. For 29 February the reduction factor is, of course, 1/9.

These daily averages can be re-grouped as 5-day means, 7-day means, consecutive or sliding means or in whatever form suits a specific requirement.

2. Frequencies of Daily Rainfall, 1916-1950. The same set of daily values used for Table IVa were re-grouped to give frequency tables with intervals of .01 inch. These have been re-arranged in Table V, to give accumulated frequencies with intervals of .10 in. up to 2.50 in. and a wider grouping above this.

3. Extremes of Rainfall. The records for the 35-year period, 1916-1950, for the stations used in Tables IV and V were also used to find maximum and minimum values for the year and for each month and also maximum daily values for each month. These maxima and minima are given in Table VI and Table VII. Additional extremes are given in these tables to cover the 50-year period, 1911-1960.

Appendix I.

Intense Falls. Falls of 2 hours or less, which have been recorded in British Rainfall and rank as "noteworthy", "remarkable" or "very rare", are listed in Appendix I.

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TABLE I. Monthly and Annual Averages of Rainfall (in inches), 1916-1950
Kent, East Sussex and West Sussex River Board Areas

| County | Station | Alt. ft. | N.G.R. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Year | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Kent River Board | | | | | | | | | |
| Kent | Crossness | 26 | TQ(51)485809 | 1.75 | 1.34 | 1.33 | 1.70 | 1.63 | 1.37 | 2.17 | 2.00 | 1.69 | 2.03 | 2.19 | 1.84 | 21.04 | Inch |
| | | | | 8.3 | 6.4 | 6.3 | 8.1 | 7.8 | 6.5 | 10.3 | 9.5 | 8.0 | 9.7 | 10.4 | 8.7 | 100.0 | % |
| " | Westerham | 380 | TQ(51)446536 | 3.25 | 2.39 | 2.09 | 2.59 | 2.20 | 1.81 | 2.52 | 2.80 | 2.46 | 3.31 | 3.64 | 3.35 | 32.41 | Inch |
| | | | | 10.0 | 7.4 | 6.5 | 8.0 | 6.8 | 5.6 | 7.8 | 8.6 | 7.6 | 10.2 | 11.2 | 10.3 | 100.0 | % |
| " | Betsom's Hill | 820 | TQ(51)430563 | 3.46 | 2.57 | 2.13 | 2.64 | 2.26 | 2.03 | 2.87 | 2.99 | 2.69 | 3.53 | 3.89 | 3.51 | 34.57 | Inch |
| | | | | 10.0 | 7.4 | 6.2 | 7.6 | 6.5 | 5.9 | 8.3 | 8.6 | 7.8 | 10.2 | 11.3 | 10.2 | 100.0 | % |
| " | Chevening Gardens | 350 | TQ(51)486578 | 3.30 | 2.47 | 2.00 | 2.63 | 2.15 | 1.77 | 2.60 | 2.72 | 2.50 | 3.25 | 3.77 | 3.42 | 32.58 | Inch |
| | | | | 10.1 | 7.6 | 6.1 | 8.1 | 6.6 | 5.4 | 8.0 | 8.3 | 7.7 | 10.0 | 11.6 | 10.5 | 100.0 | % |
| " | Kemsing P. Station | 293 | TQ(51)569576 | 2.88 | 2.20 | 2.01 | 2.30 | 2.00 | 1.67 | 2.42 | 2.35 | 2.33 | 3.02 | 3.45 | 2.97 | 29.60 | Inch |
| | | | | 9.7 | 7.4 | 6.8 | 7.8 | 6.8 | 5.6 | 8.2 | 7.9 | 7.9 | 10.2 | 11.7 | 10.0 | 100.0 | % |
| " | Wilmington W. Works | 25 | TQ(51)543720 | 2.04 | 1.61 | 1.46 | 1.87 | 1.72 | 1.53 | 2.12 | 1.99 | 1.76 | 2.24 | 2.56 | 2.08 | 22.98 | Inch |
| | | | | 8.9 | 7.0 | 6.4 | 8.1 | 7.5 | 6.7 | 9.2 | 8.7 | 7.7 | 9.7 | 11.1 | 9.0 | 100.0 | % |
| " | Orpington W. Works | 220 | TQ(51)459652 | 2.58 | 1.99 | 1.81 | 2.26 | 1.99 | 1.68 | 2.25 | 2.33 | 2.12 | 2.82 | 3.17 | 2.77 | 27.77 | Inch |
| | | | | 9.3 | 7.2 | 6.5 | 8.1 | 7.2 | 6.0 | 8.1 | 8.4 | 7.6 | 10.2 | 11.4 | 10.0 | 100.0 | % |
| " | Stone House Hospital | 115 | TQ(51)559743 | 1.96 | 1.51 | 1.39 | 1.79 | 1.63 | 1.46 | 2.13 | 1.98 | 1.80 | 2.10 | 2.45 | 2.01 | 22.21 | Inch |
| | | | | 8.8 | 6.8 | 6.3 | 8.1 | 7.3 | 6.6 | 9.6 | 8.9 | 8.1 | 9.5 | 11.0 | 9.0 | 100.0 | % |
| " | Southfleet W. Works | 82 | TQ(51)610724 | 2.11 | 1.64 | 1.51 | 1.89 | 1.66 | 1.46 | 2.15 | 2.03 | 1.79 | 2.30 | 2.64 | 2.17 | 23.35 | Inch |
| | | | | 9.0 | 7.0 | 6.5 | 8.1 | 7.1 | 6.3 | 9.2 | 8.7 | 7.7 | 9.8 | 11.3 | 9.3 | 100.0 | % |
| Sussex | Jarvis Brook | 325 | TQ(51)540297 | 3.97 | 2.78 | 2.39 | 2.64 | 2.25 | 1.99 | 2.88 | 3.10 | 2.76 | 3.96 | 4.40 | 3.86 | 36.98 | Inch |
| | | | | 10.7 | 7.5 | 6.5 | 7.1 | 6.1 | 5.4 | 7.8 | 8.4 | 7.5 | 10.7 | 11.9 | 10.4 | 100.0 | % |

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Kent, East Sussex and West Sussex River Board Areas

| County | Station | Alt. ft. | N.G.R. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Year | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Kent River Board (continued) | | | | | | | | | |
| Kent | Tunbridge Wells | 351 | TQ(51)588392 | 3.02 | 2.26 | 1.98 | 2.23 | 2.08 | 1.73 | 2.29 | 2.42 | 2.20 | 3.25 | 3.64 | 3.16 | 30.26 | Inch |
| | | | | 10.0 | 7.5 | 6.5 | 7.4 | 6.9 | 5.7 | 7.6 | 8.0 | 7.3 | 10.7 | 12.0 | 10.4 | 100.0 | % |
| " | Falconhurst | 375 | TQ(51)470427 | 3.16 | 2.45 | 2.01 | 2.31 | 2.15 | 1.80 | 2.67 | 2.93 | 2.35 | 3.34 | 3.78 | 3.22 | 32.17 | Inch |
| | | | | 9.8 | 7.6 | 6.2 | 7.2 | 6.7 | 5.6 | 8.3 | 9.1 | 7.3 | 10.4 | 11.8 | 10.0 | 100.0 | % |
| Surrey | Chartham Park | 270 | TQ(51)382407 | 3.35 | 2.45 | 2.06 | 2.30 | 2.06 | 1.71 | 2.64 | 2.72 | 2.38 | 3.36 | 3.83 | 3.45 | 32.31 | Inch |
| | | | | 10.4 | 7.6 | 6.4 | 7.1 | 6.4 | 5.3 | 8.2 | 8.4 | 7.4 | 10.4 | 11.7 | 10.7 | 100.0 | % |
| Kent | Hildenborough | 159 | TQ(51)572488 | 2.73 | 2.14 | 1.80 | 2.17 | 1.94 | 1.61 | 2.30 | 2.53 | 2.15 | 2.87 | 3.25 | 2.77 | 28.26 | Inch |
| | | | | 9.7 | 7.6 | 6.4 | 7.7 | 6.9 | 5.7 | 8.1 | 8.9 | 7.6 | 10.1 | 11.5 | 9.8 | 100.0 | % |
| " | Pembury W Works | 196 | TQ(51)627421 | 2.88 | 2.19 | 1.86 | 2.19 | 2.04 | 1.63 | 2.26 | 2.33 | 2.15 | 3.14 | 3.53 | 3.04 | 29.24 | Inch |
| | | | | 9.8 | 7.5 | 6.4 | 7.5 | 7.0 | 5.6 | 7.7 | 8.0 | 7.3 | 10.7 | 12.1 | 10.4 | 100.0 | % |
| Sussex | Frant | 440 | TQ(51)579342 | 3.49 | 2.54 | 2.25 | 2.42 | 2.10 | 1.86 | 2.64 | 2.78 | 2.56 | 3.77 | 4.11 | 3.57 | 34.09 | Inch |
| | | | | 10.2 | 7.4 | 6.6 | 7.1 | 6.2 | 5.5 | 7.7 | 8.1 | 7.5 | 11.1 | 12.1 | 10.5 | 100.0 | % |
| " | Cousley Wood | 415 | TQ(51)662337 | 2.99 | 2.15 | 1.98 | 2.21 | 2.03 | 1.75 | 2.38 | 2.63 | 2.24 | 3.43 | 3.59 | 3.02 | 30.40 | Inch |
| | | | | 9.8 | 7.1 | 6.5 | 7.3 | 6.7 | 5.8 | 7.8 | 8.6 | 7.4 | 11.3 | 11.8 | 9.9 | 100.0 | % |
| Kent | Scotney Castle | 210 | TQ(51)685354 | 2.96 | 2.11 | 1.88 | 2.06 | 1.90 | 1.59 | 2.32 | 2.39 | 2.15 | 3.31 | 3.55 | 2.98 | 29.20 | Inch |
| | | | | 10.1 | 7.2 | 6.4 | 7.1 | 6.5 | 5.4 | 8.0 | 8.2 | 7.4 | 11.3 | 12.2 | 10.2 | 100.0 | % |
| " | Bedgebury Park | 280 | TQ(51)717341 | 3.44 | 2.41 | 2.10 | 2.35 | 2.10 | 1.80 | 2.55 | 2.77 | 2.44 | 3.69 | 3.97 | 3.43 | 33.05 | Inch |
| | | | | 10.4 | 7.3 | 6.4 | 7.1 | 6.4 | 5.4 | 7.7 | 8.4 | 7.4 | 11.1 | 12.0 | 10.4 | 100.0 | % |
| " | Barming W. Works | 247 | TQ(51)735548 | 2.46 | 1.83 | 1.59 | 2.11 | 1.83 | 1.49 | 2.28 | 2.23 | 2.00 | 2.77 | 3.06 | 2.60 | 26.25 | Inch |
| | | | | 9.4 | 7.0 | 6.1 | 8.0 | 7.0 | 5.7 | 8.7 | 8.5 | 7.6 | 10.5 | 11.6 | 9.9 | 100.0 | % |
| " | Langley | 354 | TQ(51)800521 | 2.69 | 1.97 | 1.71 | 2.09 | 1.95 | 1.57 | 2.40 | 2.35 | 2.19 | 3.16 | 3.19 | 2.78 | 28.05 | Inch |
| | | | | 9.6 | 7.0 | 6.1 | 7.4 | 6.9 | 5.6 | 8.6 | 8.4 | 7.8 | 11.3 | 11.4 | 9.9 | 100.0 | % |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Kent River Board (continued) | | | | | | | | | | | | | |
| Kent | Maidstone, Mill St. | 37 | TQ(51)761555 | 2.57 | 1.93 | 1.63 | 2.16 | 1.89 | 1.49 | 2.33 | 2.19 | 1.98 | 2.81 | 3.08 | 2.66 | 26.72 | Inch |
| | | | | 9.6 | 7.2 | 6.1 | 8.1 | 7.1 | 5.6 | 8.7 | 8.2 | 7.4 | 10.5 | 11.5 | 10.0 | 100.0 | % |
| " | Maidstone, Brenchley Gardens | 49 | TQ(51)759561 | 2.53 | 1.93 | 1.65 | 2.18 | 1.85 | 1.50 | 2.35 | 2.20 | 1.99 | 2.79 | 3.05 | 2.65 | 26.67 | Inch |
| | | | | 9.5 | 7.2 | 6.2 | 8.2 | 6.9 | 5.6 | 8.8 | 8.3 | 7.5 | 10.5 | 11.4 | 9.9 | 100.0 | % |
| " | East Malling | 122 | TQ(51)711568 | 2.48 | 1.86 | 1.64 | 2.08 | 1.92 | 1.60 | 2.36 | 2.34 | 2.09 | 2.83 | 3.08 | 2.59 | 26.87 | Inch |
| | | | | 9.2 | 6.9 | 6.1 | 7.7 | 7.2 | 6.0 | 8.8 | 8.7 | 7.8 | 10.5 | 11.5 | 9.6 | 100.0 | % |
| " | Halling P. Station | 75 | TQ(51)701643 | 2.41 | 1.78 | 1.64 | 2.04 | 1.81 | 1.43 | 2.30 | 2.29 | 1.97 | 2.65 | 2.95 | 2.41 | 25.68 | Inch |
| | | | | 9.4 | 6.9 | 6.4 | 7.9 | 7.0 | 5.6 | 9.0 | 8.9 | 7.7 | 10.3 | 11.5 | 9.4 | 100.0 | % |
| " | Strood W. Works | 112 | TQ(51)729693 | 2.22 | 1.69 | 1.56 | 1.95 | 1.75 | 1.44 | 2.28 | 2.12 | 1.84 | 2.46 | 2.69 | 2.27 | 24.27 | Inch |
| | | | | 9.2 | 7.0 | 6.4 | 8.0 | 7.2 | 5.9 | 9.4 | 8.7 | 7.6 | 10.1 | 11.1 | 9.4 | 100.0 | % |
| " | Herne Bay W. Works | 125 | TR(61)186679 | 2.01 | 1.39 | 1.39 | 1.62 | 1.49 | 1.35 | 2.04 | 1.98 | 1.80 | 2.58 | 2.70 | 2.04 | 22.39 | Inch |
| | | | | 9.0 | 6.2 | 6.2 | 7.2 | 6.7 | 6.0 | 9.1 | 8.9 | 8.0 | 11.5 | 12.1 | 9.1 | 100.0 | % |
| " | Margate | 51 | TR(61)368714 | 1.86 | 1.37 | 1.22 | 1.40 | 1.43 | 1.24 | 1.97 | 1.91 | 1.95 | 2.48 | 2.52 | 1.90 | 21.25 | Inch |
| | | | | 8.8 | 6.4 | 5.7 | 6.6 | 6.7 | 5.8 | 9.3 | 9.0 | 9.2 | 11.7 | 11.9 | 8.9 | 100.0 | % |
| " | Ramsgate | 80 | TR(61)385648 | 2.03 | 1.49 | 1.31 | 1.53 | 1.59 | 1.42 | 2.19 | 2.11 | 2.10 | 2.68 | 2.72 | 2.05 | 23.22 | Inch |
| | | | | 8.8 | 6.4 | 5.6 | 6.6 | 6.9 | 6.1 | 9.4 | 9.1 | 9.1 | 11.5 | 11.7 | 8.8 | 100.0 | % |
| " | Ashford | 190 | TR(61)013430 | 2.99 | 2.18 | 1.89 | 2.11 | 2.07 | 1.58 | 2.47 | 2.46 | 2.24 | 3.33 | 3.50 | 3.09 | 29.91 | Inch |
| | | | | 10.0 | 7.3 | 6.3 | 7.1 | 6.9 | 5.3 | 8.3 | 8.2 | 7.5 | 11.1 | 11.7 | 10.3 | 100.0 | % |
| " | Canterbury S. Works | 15 | TR(61)166596 | 2.50 | 1.84 | 1.69 | 1.98 | 1.82 | 1.50 | 2.38 | 2.17 | 2.14 | 3.14 | 3.31 | 2.63 | 27.10 | Inch |
| | | | | 9.2 | 6.8 | 6.3 | 7.3 | 6.7 | 5.5 | 8.8 | 8.0 | 7.9 | 11.6 | 12.2 | 9.7 | 100.0 | % |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Kent River Board (continued) | | | | | | | | | | | | | |
| Kent | Wingham W. Works | 137 | TR(61)244553 | 2.63 | 1.90 | 1.68 | 2.00 | 1.80 | 1.46 | 2.47 | 2.20 | 2.35 | 3.26 | 3.49 | 2.86 | 28.10 | Inch |
| | | | | 9.3 | 6.8 | 6.0 | 7.1 | 6.4 | 5.2 | 8.8 | 7.8 | 8.4 | 11.6 | 12.4 | 10.2 | 100.0 | % |
| " | Waldershare Park | 280 | TR(61)291481 | 3.23 | 2.34 | 2.01 | 2.18 | 2.02 | 1.67 | 2.76 | 2.63 | 2.69 | 3.68 | 4.15 | 3.42 | 32.78 | Inch |
| | | | | 9.9 | 7.1 | 6.1 | 6.7 | 6.2 | 5.1 | 8.4 | 8.0 | 8.2 | 11.2 | 12.7 | 10.4 | 100.0 | % |
| " | Walmer W. Works | 111 | TR(61)363508 | 2.80 | 1.92 | 1.64 | 1.87 | 1.75 | 1.49 | 2.32 | 2.27 | 2.29 | 3.27 | 3.72 | 2.94 | 28.28 | Inch |
| | | | | 9.9 | 6.8 | 5.8 | 6.6 | 6.2 | 5.3 | 8.2 | 8.0 | 8.1 | 11.6 | 13.1 | 10.4 | 100.0 | % |
| " | Dover | 19 | TR(61)320410 | 2.80 | 2.06 | 1.80 | 2.02 | 1.74 | 1.61 | 2.35 | 2.23 | 2.27 | 3.33 | 3.68 | 2.91 | 28.80 | Inch |
| | | | | 9.7 | 7.2 | 6.2 | 7.0 | 6.0 | 5.6 | 8.2 | 7.7 | 7.9 | 11.6 | 12.8 | 10.1 | 100.0 | % |
| " | Folkestone, Cherry Garden | 230 | TR(61)211381 | 3.03 | 2.05 | 1.82 | 2.13 | 1.97 | 1.75 | 2.57 | 2.42 | 2.53 | 3.49 | 3.83 | 3.12 | 30.71 | Inch |
| | | | | 9.9 | 6.7 | 5.9 | 6.9 | 6.4 | 5.7 | 8.4 | 7.9 | 8.2 | 11.4 | 12.5 | 10.0 | 100.0 | % |
| " | Hythe, Oaklands | 9 | TR(61)163345 | 2.83 | 1.97 | 1.69 | 2.01 | 1.85 | 1.48 | 2.19 | 2.21 | 2.28 | 3.17 | 3.54 | 2.93 | 28.15 | Inch |
| | | | | 10.0 | 7.0 | 6.0 | 7.1 | 6.6 | 5.3 | 7.8 | 7.8 | 8.1 | 11.3 | 12.6 | 10.4 | 100.0 | % |
| " | Dungeness | 10 | TR(61)094169 | 2.44 | 1.66 | 1.51 | 1.77 | 1.64 | 1.31 | 2.00 | 2.02 | 2.02 | 3.06 | 3.05 | 2.57 | 25.05 | Inch |
| | | | | 9.7 | 6.6 | 6.0 | 7.1 | 6.5 | 5.2 | 8.0 | 8.1 | 8.1 | 12.2 | 12.2 | 10.3 | 100.0 | % |
| Sussex | Udimore | 92 | TQ(51)886194 | 3.03 | 2.13 | 1.87 | 1.96 | 1.90 | 1.60 | 2.33 | 2.40 | 2.36 | 3.56 | 3.79 | 3.34 | 30.27 | Inch |
| | | | | 10.0 | 7.0 | 6.2 | 6.5 | 6.3 | 5.3 | 7.7 | 7.9 | 7.8 | 11.8 | 12.5 | 11.0 | 100.0 | % |
| | | | | East Sussex River Board | | | | | | | | | | | | | |
| Sussex | Hatton Reservoir | 294 | TQ(51)826104 | 3.00 | 2.09 | 1.91 | 2.02 | 1.83 | 1.60 | 2.28 | 2.42 | 2.31 | 3.48 | 3.71 | 3.30 | 29.95 | Inch |
| | | | | 10.0 | 7.0 | 6.4 | 6.8 | 6.1 | 5.3 | 7.6 | 8.1 | 7.7 | 11.6 | 12.4 | 11.0 | 100.0 | % |
| " | Hastings, Newgate | 243 | TQ(51)807102 | 2.92 | 2.03 | 1.84 | 1.97 | 1.76 | 1.57 | 2.30 | 2.30 | 2.25 | 3.32 | 3.67 | 3.18 | 29.11 | Inch |
| | | | | 10.0 | 7.0 | 6.3 | 6.8 | 6.1 | 5.4 | 7.9 | 7.9 | 7.7 | 11.4 | 12.6 | 10.9 | 100.0 | % |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | East Sussex River Board (continued) | | | | | | | | | | | | | |
| Sussex | Pevensey Bay P. Station | 7 | TQ(51)667047 | 2.98 | 2.03 | 1.79 | 1.88 | 1.70 | 1.50 | 2.13 | 2.33 | 2.38 | 3.31 | 3.86 | 3.18 | 29.07 | Inch |
| | | | | 10.2 | 7.0 | 6.2 | 6.5 | 5.8 | 5.2 | 7.3 | 8.0 | 8.2 | 11.4 | 13.3 | 10.9 | 100.0 | % |
| " | Eastbourne | 23 | TV(50)611980 | 3.25 | 2.18 | 1.97 | 2.00 | 1.72 | 1.63 | 2.23 | 2.46 | 2.51 | 3.57 | 3.96 | 3.34 | 30.82 | Inch |
| | | | | 10.5 | 7.1 | 6.4 | 6.5 | 5.6 | 5.3 | 7.2 | 8.0 | 8.1 | 11.6 | 12.9 | 10.8 | 100.0 | % |
| " | Litlington | 19 | TQ(51)523018 | 3.37 | 2.33 | 2.07 | 2.15 | 1.86 | 1.67 | 2.38 | 2.55 | 2.62 | 3.52 | 3.99 | 3.45 | 31.96 | Inch |
| | | | | 10.5 | 7.3 | 6.5 | 6.7 | 5.8 | 5.2 | 7.5 | 8.0 | 8.2 | 11.0 | 12.5 | 10.8 | 100.0 | % |
| " | Seaford | 45 | TV(50)486990 | 2.86 | 2.00 | 1.78 | 1.90 | 1.73 | 1.64 | 2.15 | 2.50 | 2.35 | 3.16 | 3.58 | 3.07 | 28.72 | Inch |
| | | | | 9.9 | 7.0 | 6.2 | 6.6 | 6.0 | 5.7 | 7.5 | 8.7 | 8.2 | 11.0 | 12.5 | 10.7 | 100.0 | % |
| " | Poverty Bottom W.Works | 60 | TQ(51)467022 | 3.11 | 2.21 | 1.91 | 2.04 | 1.84 | 1.69 | 2.37 | 2.56 | 2.35 | 3.37 | 3.85 | 3.29 | 30.59 | Inch |
| | | | | 10.2 | 7.2 | 6.2 | 6.7 | 6.0 | 5.5 | 7.7 | 8.4 | 7.7 | 11.0 | 12.6 | 10.8 | 100.0 | % |
| " | Balcombe | 467 | TQ(51)290312 | 3.58 | 2.55 | 2.15 | 2.42 | 2.15 | 1.91 | 3.02 | 3.01 | 2.55 | 3.71 | 4.09 | 3.69 | 34.83 | Inch |
| | | | | 10.3 | 7.3 | 6.2 | 6.9 | 6.2 | 5.5 | 8.7 | 8.6 | 7.3 | 10.7 | 11.7 | 10.6 | 100.0 | % |
| " | Kingston W. Works | 12 | TQ(51)407092 | 3.82 | 2.55 | 2.32 | 2.51 | 2.15 | 1.96 | 2.85 | 3.07 | 2.91 | 3.98 | 4.36 | 3.84 | 36.32 | Inch |
| | | | | 10.5 | 7.0 | 6.4 | 6.9 | 5.9 | 5.4 | 7.8 | 8.5 | 8.0 | 11.0 | 12.0 | 10.6 | 100.0 | % |
| " | Race Hill Res. | 456 | TQ(51)335057 | 3.50 | 2.42 | 2.16 | 2.28 | 2.04 | 1.86 | 2.75 | 2.90 | 2.70 | 3.67 | 4.33 | 3.54 | 34.15 | Inch |
| | | | | 10.2 | 7.1 | 6.3 | 6.7 | 6.0 | 5.4 | 8.1 | 8.5 | 7.9 | 10.7 | 12.7 | 10.4 | 100.0 | % |
| | | | | West Sussex River Board | | | | | | | | | | | | | |
| Sussex | Mile Oak | 166 | TQ(51)243079 | 3.31 | 2.29 | 2.04 | 2.14 | 1.91 | 1.79 | 2.46 | 2.62 | 2.50 | 3.27 | 3.90 | 3.29 | 31.52 | Inch |
| | | | | 10.5 | 7.3 | 6.5 | 6.8 | 6.0 | 5.7 | 7.8 | 8.3 | 7.9 | 10.4 | 12.4 | 10.4 | 100.0 | % |
| " | Worthing | 25 | TQ(51)153029 | 2.94 | 2.00 | 1.72 | 1.78 | 1.65 | 1.53 | 2.14 | 2.28 | 2.16 | 2.95 | 3.44 | 2.90 | 27.49 | Inch |
| | | | | 10.7 | 7.3 | 6.2 | 6.5 | 6.0 | 5.6 | 7.8 | 8.3 | 7.9 | 10.7 | 12.5 | 10.5 | 100.0 | % |

TABLE I. Monthly and Annual Averages of Rainfall (in inches) 1916-1950
Kent, East Sussex and West Sussex River Board Areas.

| County | Station | Alt. ft. | N.G.R. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Year | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | West Sussex River Board (continued) | | | | | | | | | | | | | |
| Hampshire | Liss, Kippences | 250 | SU(41)777285 | 4.13 | 2.88 | 2.32 | 2.46 | 2.28 | 1.86 | 2.77 | 2.93 | 2.80 | 3.63 | 4.27 | 3.99 | 36.32 | Inch |
| | | | | 11.4 | 7.9 | 6.4 | 6.8 | 6.3 | 5.1 | 7.6 | 8.1 | 7.7 | 10.0 | 11.7 | 11.0 | 100.0 | % |
| Sussex | Petworth Park | 250 | SU(41)974216 | 3.90 | 2.69 | 2.26 | 2.33 | 2.23 | 1.75 | 2.65 | 2.68 | 2.50 | 3.49 | 4.24 | 3.93 | 34.65 | Inch |
| | | | | 11.3 | 7.8 | 6.5 | 6.7 | 6.4 | 5.1 | 7.7 | 7.7 | 7.2 | 10.1 | 12.2 | 11.3 | 100.0 | % |
| " | West Dean Park | 190 | SU(41)864127 | 4.23 | 2.85 | 2.43 | 2.48 | 2.38 | 1.94 | 2.95 | 3.11 | 2.97 | 3.87 | 4.36 | 4.01 | 37.58 | Inch |
| | | | | 11.2 | 7.6 | 6.5 | 6.6 | 6.3 | 5.2 | 7.8 | 8.3 | 7.9 | 10.3 | 11.6 | 10.7 | 100.0 | % |
| " | Chilgrove House | 265 | SU(41)834144 | 4.08 | 2.68 | 2.37 | 2.42 | 2.39 | 1.86 | 2.92 | 2.99 | 2.87 | 3.74 | 4.27 | 3.86 | 36.45 | Inch |
| | | | | 11.2 | 7.3 | 6.5 | 6.6 | 6.6 | 5.1 | 8.0 | 8.2 | 7.9 | 10.3 | 11.7 | 10.6 | 100.0 | % |
| " | Compton House | 260 | SU(41)775148 | 4.25 | 2.87 | 2.48 | 2.52 | 2.46 | 2.06 | 3.04 | 3.08 | 2.86 | 3.88 | 4.36 | 4.05 | 37.91 | Inch |
| | | | | 11.2 | 7.6 | 6.5 | 6.7 | 6.5 | 5.4 | 8.0 | 8.1 | 7.6 | 10.2 | 11.5 | 10.7 | 100.0 | % |

TABLE II Estimated Annual Averages of Rainfall (in inches), 1916-1950 for short-period stations. (Kent, East Sussex and West Sussex River Board Areas)

| County | Station | Annual Average in. | Alt. ft. | N.G.R. |
|---|---|---|---|---|
| | Kent River Board | | | |
| Kent | Erith S. Works | 22.13 | 13 | TQ(51)523778 |
| " | Westerham Hill P. Station | 33.97 | 539 | TQ(51)429558 |
| " | Knockholt W. Works | 35.08 | 785 | TQ(51)466583 |
| " | Sundridge P. Station | 29.94 | 270 | TQ(51)489556 |
| " | Seven Oaks, Oak Lane | 32.31 | 428 | TQ(51)528542 |
| " | Crampton's Road P. Station | 29.25 | 222 | TQ(51)530570 |
| " | Oak Bank Reservoir | 30.27 | 548 | TQ(51)564561 |
| " | Highfield | 30.35 | 650 | TQ(51)541605 |
| " | Eynsford P. Station | 26.40 | 131 | TQ(51)535655 |
| " | Farningham | 26.71 | 230 | TQ(51)542668 |
| " | Horton Kirby | 23.08 | 50 | TQ(51)561685 |
| " | Crockenhill | 26.35 | 331 | TQ(51)517668 |
| " | Fairseat Manor | 31.42 | 700 | TQ(51)621614 |
| " | Hartley | 26.51 | 270 | TQ(51)617665 |
| " | Dartford | 21.96 | 17 | TQ(51)543737 |
| " | Scadbury Park | 24.54 | 240 | TQ(51)459700 |
| " | Danson Park | 24.16 | 165 | TQ(51)472755 |
| " | Dartford S. Works | 22.48 | 14 | TQ(51)553767 |
| " | Northfleet P. Station | 25.28 | 160 | TQ(51)635691 |
| " | Jeskyns Court | 25.68 | 264 | TQ(51)660690 |
| Sussex | Kingscote Nursery | 34.03 | 300 | TQ(51)367358 |
| " | Turner's Hill | 33.45 | 450 | TQ(51)335361 |
| " | Duckyls | 35.37 | 600 | TQ(51)352338 |
| " | Whillet's Bridge | 33.83 | 250 | TQ(51)376344 |
| " | West Hoathly P. Station | 34.83 | 375 | TQ(51)371328 |
| " | Standen | 31.84 | 450 | TQ(51)390355 |
| " | Weir Wood Reservoir | 33.17 | 225 | TQ(51)406354 |
| " | Forest Row | 35.30 | 200 | TQ(51)447342 |
| " | Rotherfield | 36.20 | 528 | TQ(51)556294 |
| Kent | Great Bounds Reservoir | 29.44 | 478 | TQ(51)573436 |
| Surrey | Limpsfield and Oxted | 29.85 | 229 | TQ(51)398501 |
| " | Yew Lodge | 32.25 | 260 | TQ(51)382414 |
| " | Lingfield S. Works | 29.86 | 155 | TQ(51)384450 |
| " | South Park Farm | 29.56 | 340 | TQ(51)342488 |
| Kent | Stonewall Park | 30.64 | 341 | TQ(51)502424 |
| " | Penshurst Place | 28.89 | 120 | TQ(51)538440 |
| " | Bayleys Hill Reservoir | 31.67 | 696 | TQ(51)519521 |
| " | Goudhurst | 32.84 | 290 | TQ(51)722333 |
| " | High Halden | 27.32 | 170 | TQ(51)890371 |
| " | Great Tong | 25.75 | 110 | TQ(51)831465 |
| " | Maidstone, College Road | 26.17 | 50 | TQ(51)758550 |
| " | Lenham Court | 30.32 | 354 | TQ(51)884519 |
| " | Lenham | 30.22 | 400 | TQ(51)883529 |
| " | Thurnham | 29.16 | 226 | TQ(51)816559 |
| " | Boxley W. Works | 27.21 | 319 | TQ(51)774594 |
| " | Forstal | 25.70 | 20 | TQ(51)739587 |
| " | Trottiscliffe P. Station | 28.53 | 250 | TQ(51)640595 |
| " | Cuxton P. Station | 26.01 | 87 | TQ(51)689669 |
| " | Woolmans Wood | 26.98 | 470 | TQ(51)746635 |
| " | Nashenden P. Station | 26.64 | 125 | TQ(51)734655 |
| " | Lodge Hill | 22.81 | 150 | TQ(51)757734 |
| " | Frindsbury | 24.29 | 50 | TQ(51)745711 |
| " | Chatham | 24.49 | 223 | TQ(51)771675 |
| " | Motney Hill | 22.71 | 29 | TQ(51)829684 |
| " | Matts Hill P. Station | 28.61 | 225 | TQ(51)820625 |
| " | Barnland | 20.50 | 180 | TR(61)012721 |
| " | Sittingbourne | 27.60 | 227 | TQ(51)891613 |

TABLE II Estimated Annual Averages of Rainfall (in inches), 1916-1950 for short-period stations.
(Kent, East Sussex and West Sussex River Board Areas)(continued)

| County | Station | Annual Average in. | Alt. ft. | N.G.R. |
|---|---|---|---|---|
| | Kent River Board (continued) | | | |
| Kent | Church Marshes S. Works | 22.55 | 8 | TQ(51)912648 |
| " | Highstead W. Works | 27.12 | 138 | TQ(51)910607 |
| " | Kippen | 30.36 | 497 | TQ(51)898572 |
| " | Newnham P.,Station | 26.29 | 107 | TQ(51)975597 |
| " | Throwley | 31.34 | 493 | TQ(51)983518 |
| " | Ospringe, Larenden | 26.29 | 175 | TQ(51)993592 |
| " | Ospringe, Queen Court | 26.52 | 50 | TR(61)000604 |
| " | Faversham S. Works | 24.97 | 22 | TR(61)023617 |
| " | Whitstable | 21.61 | 9 | TR(61)112665 |
| " | Herne Bay | 22.74 | 21 | TR(61)171681 |
| " | Stone House | 22.42 | 100 | TR(61)396690 |
| " | Broadstairs | 23.07 | 130 | TR(61)391681 |
| " | Pett Place | 30.92 | 300 | TQ(51)961491 |
| " | Ashford, Magazine Road | 28.52 | 125 | TR(61)008433 |
| " | Ashford,Albert Road | 29.20 | 185 | TR(61)009430 |
| " | Ashford, Belmore | 28.75 | 200 | TR(61)007433 |
| " | Wye | 30.43 | 185 | TR(61)057469 |
| " | Chartham | 27.99 | 80 | TR(61)097553 |
| " | Canterbury, London Road | 26.48 | 66 | TR(61)141583 |
| " | Skeete P. Station | 32.67 | 445 | TR(61)144409 |
| " | Ottinge | 34.14 | 300 | TR(61)168422 |
| " | Barham P. Station | 30.27 | 173 | TR(61)196509 |
| " | Nonington | 28.25 | 140 | TR(61)261521 |
| " | Ash, Corking Farm | 22.70 | 50 | TR(61)277599 |
| " | Sandwich, Jacob Churchyard | 24.59 | 15 | TR(61)328583 |
| " | Martin Mill P. Station | 31.24 | 287 | TR(61)337471 |
| " | Dover, Royal Military School | 33.37 | 402 | TR(61)327439 |
| " | Lower Standon | 32.82 | 248 | TR(61)240404 |
| " | Buckland | 33.50 | 50 | TR(61)306426 |
| " | Dover W. Works | 30.55 | 199 | TR(61)322420 |
| " | Folkstone | 26.39 | 128 | TR(61)227358 |
| " | Sandling Park | 30.62 | 260 | TR(61)142368 |
| " | Bonnington | 25.88 | 45 | TR(61)053351 |
| " | Dymchurch | 25.47 | 7 | TR(61)102296 |
| Sussex | Cranesden | 33.31 | 345 | TQ(51)586262 |
| " | Stonegate | 33.97 | 230 | TQ(51)652288 |
| " | Crowhurst Bridge | 30.92 | 97 | TQ(51)681264 |
| " | Bellhurst Farm | 31.57 | 275 | TQ(51)723285 |
| " | Burwash | 36.42 | 350 | TQ(51)656232 |
| " | Bateman's | 35.35 | 120 | TQ(51)670238 |
| " | Brightling | 36.25 | 550 | TQ(51)683211 |
| " | Brightling Park | 36.40 | 545 | TQ(51)682209 |
| " | Darvell Hall | 31.59 | 100 | TQ(51)729229 |
| " | Bodiam | 31.66 | 73 | TQ(51)785249 |
| Kent | Field Green | 29.58 | 199 | TQ(51)786295 |
| Sussex | Great Dixter | 30.33 | 209 | TQ(51)821251 |
| Kent | Biddenden | 28.02 | 193 | TQ(51)850362 |
| Sussex | Iden, Havencroft | 30.00 | 133 | TQ(51)920238 |
| Kent | Stone | 28.78 | 140 | TQ(51)939272 |
| Sussex | Playden, Scots Float | 29.23 | 14 | TQ(51)932226 |
| " | Sedlescombe | 32.45 | 170 | TQ(51)776187 |
| " | Brede P. Station | 30.73 | 26 | TQ(51)814178 |
| " | Icklesham | 30.00 | 150 | TQ(51)879165 |
| " | Fairlight | 29.19 | 100 | TQ(51)878122 |

TABLE II Estimated Annual Averages of Rainfall (in inches), 1916-1950 for short-period stations.
(Kent, East Sussex and West Sussex River Board Areas) (continued)

| County | Station | Annual Average in. | Alt. ft. | N.G.R. |
|---|---|---|---|---|
| | East Sussex River Board | | | |
| Sussex | Hastings | 28.54 | 149 | TQ(51)809094 |
| " | Filsham W. Works | 28.71 | 37 | TQ(51)778093 |
| " | Bexhill, Pebsham Lane | 28.82 | 40 | TQ(51)758088 |
| " | St. Leonards, Ashbrooke Lodge | 31.26 | 230 | TQ(51)796120 |
| " | Bexhill | 28.19 | 12 | TQ(51)737072 |
| " | Hazards Green P. Station | 27.56 | 74 | TQ(51)681123 |
| " | Hellingly Hospital | 31.47 | 140 | TQ(51)597124 |
| " | Amberstone | 30.34 | 29 | TQ(51)598113 |
| " | Polegate S. Works | 33.86 | 26 | TQ(51)593046 |
| " | Eastbourne, Coast Guard | 30.76 | 17 | TV(50)622999 |
| " | Pevensey P. Station | 28.96 | 12 | TQ(51)649047 |
| " | Heathfield | 34.91 | 305 | TQ(51)564202 |
| " | Jervington | 33.03 | 274 | TQ(51)563013 |
| " | Friston, Water Tower | 32.14 | 389 | TV(50)553984 |
| " | Friston | 31.63 | 104 | TV(50)545986 |
| " | Seaford, Newlands | 29.26 | 150 | TV(50)495997 |
| " | Holywell P. Station | 32.20 | 124 | TQ(51)369276 |
| " | North Chailey | 31.25 | 250 | TQ(51)372212 |
| " | Barcombe Mills | 33.14 | 20 | TQ(51)432148 |
| " | Lewes, The Avenue | 33.49 | 130 | TQ(51)408103 |
| " | Balsdean P. Station | 31.50 | 168 | TQ(51)378046 |
| " | Balsdean Reservoir | 32.20 | 399 | TQ(51)374045 |
| " | Ovingdean | 29.46 | 161 | TQ(51)359034 |
| " | Falmer | 36.20 | 200 | TQ(51)342084 |
| " | Patcham W. Works | 31.20 | 205 | TQ(51)294091 |
| " | Brighton | 27.07 | 32 | TQ(51)313054 |
| | West Sussex River Board | | | |
| Sussex | Knepp Castle | 31.40 | 60 | TQ(51)155218 |
| " | Washington | 34.28 | 75 | TQ(51)118135 |
| " | Hurstpierpoint | 31.81 | 140 | TQ(51)280166 |
| " | Shermanbury Grange | 29.12 | 39 | TQ(51)203192 |
| " | Newtimber Place | 33.48 | 157 | TQ(51)270138 |
| " | Shoreham W. Works | 31.41 | 9 | TQ(51)210068 |
| " | North End | 36.15 | 211 | TQ(51)119097 |
| " | Ferring | 28.81 | 26 | TQ(51)091019 |
| " | Littlehampton | 28.24 | 15 | TQ(51)033018 |
| " | Horsham, Pondtail | 30.48 | 150 | TQ(51)167304 |
| " | Horsham, North Parade | 30.25 | 160 | TQ(51)172317 |
| " | Horsham, Rushams Rd. | 30.83 | 140 | TQ(51)169313 |
| " | Horsham S. Works | 29.45 | 120 | TQ(51)160302 |
| " | Rusper | 32.45 | 260 | TQ(51)190363 |
| " | Kirdford | 29.20 | 150 | SU(41)999278 |
| Hampshire | Greatham | 33.32 | 260 | SU(41)773301 |
| Sussex | Fyning | 33.70 | 230 | SU(41)812241 |
| " | Rogate | 33.71 | 210 | SU(41)812240 |
| " | South Harting | 38.54 | 250 | SU(41)787198 |
| " | Midhurst | 34.14 | 135 | SU(41)885216 |
| " | Furnhurst | 34.85 | 229 | SU(41)906267 |
| " | Gorehill | 35.47 | 125 | SU(41)985201 |
| " | Barlavington Farm | 38.52 | 175 | SU(41)971161 |
| " | Hardham P. Station | 35.78 | 30 | TQ(51)033176 |
| " | Parham House | 34.29 | 98 | TQ(51)060144 |
| " | Sutton, Hurst Cottage | 36.89 | 190 | SU(41)979151 |

TABLE II Estimated Annual Averages of Rainfall (in inches), 1916-1950 for short-period stations. (Kent, East Sussex and West Sussex River Board Areas) (continued)

| County | Station | Annual Average in. | Alt. ft. | N.G.R. |
|---|---|---|---|---|
| | West Sussex River Board (continued) | | | |
| Sussex | Bignor Park | 38.21 | 140 | SU(41)990155 |
| " | Bignor | 38.47 | 135 | SU(41)984144 |
| " | Arundel Castle | 31.46 | 106 | TQ(51)015072 |
| " | Patching P. Station | 32.95 | 118 | TQ(51)092074 |
| " | West Walberton | 30.89 | 65 | SU(41)960064 |
| " | Bognor Regis | 28.75 | 24 | SZ(40)934989 |
| " | Birdham | 28.48 | 16 | SU(41)824004 |
| " | Chichester, West Street | 29.75 | 40 | SU(41)858049 |
| " | Funtington P. Station | 31.39 | 112 | SU(41)811081 |
| " | Chidham | 28.11 | 14 | SU(41)791036 |
| " | Cobnor House | 29.92 | 12 | SU(41)792024 |
| " | Thorney Island | 26.80 | 10 | SU(41)756027 |
| " | Stansted Park | 32.32 | 160 | SU(41)760101 |



G.18638/CJH/8/63/75.

TABLE III. Monthly and Annual Averages of Rainfall, 1916-1950, estimated for short-period stations (in inches)
Kent, East Sussex and West Sussex River Board Areas

| County | Station | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kent | Goudhurst | 3.42 | 2.40 | 2.10 | 2.33 | 2.10 | 1.77 | 2.53 | 2.76 | 2.43 | 3.64 | 3.94 | 3.42 | 32.84 |
| " | Sittingbourne | 1.99 | 1.90 | 2.09 | 1.71 | 1.79 | 2.29 | 2.32 | 2.32 | 2.13 | 3.37 | 2.93 | 2.76 | 27.60 |
| " | Throwley | 2.45 | 2.26 | 2.45 | 1.91 | 1.94 | 2.41 | 2.38 | 2.60 | 2.45 | 3.82 | 3.32 | 3.35 | 31.34 |
| " | Whitstable | 1.94 | 1.34 | 1.34 | 1.56 | 1.45 | 1.30 | 1.97 | 1.92 | 1.73 | 2.48 | 2.61 | 1.97 | 21.61 |
| " | Herne Bay | 2.07 | 1.45 | 1.41 | 1.64 | 1.55 | 1.34 | 2.07 | 2.00 | 1.80 | 2.59 | 2.71 | 2.11 | 22.74 |
| " | Wye | 3.01 | 2.22 | 1.92 | 2.16 | 2.10 | 1.61 | 2.53 | 2.50 | 2.28 | 3.41 | 3.59 | 3.10 | 30.43 |
| " | Dover, Royal Military School | 3.30 | 2.27 | 1.94 | 2.24 | 2.14 | 1.73 | 2.77 | 2.67 | 2.70 | 3.87 | 4.34 | 3.40 | 33.37 |
| Sussex | Hastings | 2.85 | 2.00 | 1.80 | 1.94 | 1.74 | 1.54 | 2.26 | 2.25 | 2.20 | 3.25 | 3.60 | 3.11 | 28.54 |
| " | Bexhill | 2.85 | 1.97 | 1.78 | 1.89 | 1.72 | 1.52 | 2.14 | 2.26 | 2.23 | 3.21 | 3.55 | 3.07 | 28.19 |
| " | Brighton | 2.82 | 1.92 | 1.73 | 1.81 | 1.62 | 1.54 | 2.17 | 2.27 | 2.17 | 2.84 | 3.36 | 2.82 | 27.07 |
| " | Littlehampton | 3.02 | 2.09 | 1.81 | 1.86 | 1.81 | 1.58 | 2.20 | 2.29 | 2.17 | 3.02 | 3.42 | 2.97 | 28.24 |
| " | Bognor Regis | 3.16 | 2.21 | 1.90 | 1.96 | 1.87 | 1.52 | 2.10 | 2.33 | 2.21 | 3.08 | 3.36 | 3.05 | 28.75 |
| Kent | Folkstone | 2.56 | 1.85 | 1.56 | 1.85 | 1.71 | 1.40 | 2.22 | 2.03 | 2.14 | 3.06 | 3.32 | 2.69 | 26.39 |

Table IVa. 35-year daily totals of rainfall (in inches), 1916-1950

East Malling

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.70 | 4.59 | 1.42 | 2.39 | 3.22 | 1.89 | 1.68 | 3.31 | 2.00 | 1.47 | 5.26 | 3.64 |
| 2 | 2.83 | 3.28 | 1.82 | 2.36 | 1.68 | 1.59 | 1.74 | 4.04 | 2.19 | 2.53 | 5.11 | 3.32 |
| 3 | 1.97 | 3.55 | 1.76 | 3.21 | 3.37 | 1.83 | 2.66 | 3.20 | 2.25 | 3.08 | 3.32 | 2.10 |
| 4 | 1.60 | 1.56 | 2.21 | 1.87 | 1.23 | 1.80 | 2.06 | 2.73 | 1.66 | 2.70 | 2.18 | 2.81 |
| 5 | 1.85 | 2.78 | 2.55 | 2.65 | 2.78 | 1.35 | 2.21 | 3.32 | 1.81 | 2.13 | 4.92 | 2.30 |
| 6 | 3.68 | 1.57 | 2.49 | 2.51 | 2.14 | 2.04 | 3.78 | 2.10 | 1.73 | 2.09 | 4.48 | 3.04 |
| 7 | 3.10 | 3.14 | 2.88 | 1.26 | 2.58 | 1.58 | .80 | 2.41 | 1.42 | 3.54 | 4.09 | 1.84 |
| 8 | 2.40 | 2.23 | 1.15 | 2.40 | 1.58 | 1.30 | 1.61 | 2.34 | .83 | 2.62 | 4.61 | 3.51 |
| 9 | 3.36 | 1.94 | .55 | 1.36 | 1.93 | 1.76 | 2.08 | 3.01 | 1.73 | 2.73 | 3.87 | 2.46 |
| 10 | 3.81 | 1.56 | 2.04 | 1.80 | 2.51 | 2.66 | 3.12 | 2.24 | 2.81 | 1.61 | 4.36 | 3.24 |
| 11 | 3.85 | 1.77 | 1.97 | 3.03 | 1.46 | 1.33 | 1.41 | 2.89 | 1.50 | 3.75 | 5.13 | 1.51 |
| 12 | 2.68 | 2.54 | 1.73 | 1.48 | 1.96 | 1.95 | 1.68 | 3.09 | 3.60 | 3.52 | 2.69 | 1.23 |
| 13 | 3.34 | 2.03 | 2.60 | 1.95 | .57 | 1.87 | 1.91 | 1.93 | 1.96 | 2.88 | 3.56 | 2.66 |
| 14 | 1.92 | 1.16 | 1.91 | 1.66 | 2.28 | 3.88 | 3.59 | 1.60 | 4.29 | 2.33 | 3.13 | 3.68 |
| 15 | 2.99 | 1.27 | 1.29 | 2.98 | 2.23 | .65 | 5.97 | 2.92 | 1.91 | 2.66 | 3.54 | 1.49 |
| 16 | 1.76 | 2.35 | 2.48 | 2.80 | 2.60 | 1.10 | 2.68 | 3.65 | 1.63 | 2.24 | 4.70 | 2.85 |
| 17 | 2.49 | 2.13 | 2.23 | 1.85 | 1.57 | 1.79 | 2.80 | 1.44 | 3.31 | 3.10 | 2.61 | 1.86 |
| 18 | 3.87 | 1.47 | 1.01 | 1.85 | 1.45 | 2.48 | 3.18 | 3.82 | 3.54 | 2.77 | 3.89 | 3.09 |
| 19 | 2.47 | 2.01 | 1.82 | 2.24 | 2.60 | 2.35 | 1.61 | 2.05 | 3.77 | 4.76 | 2.40 | 2.51 |
| 20 | 2.09 | 1.66 | 1.40 | 2.70 | 3.33 | 1.97 | 3.54 | 2.78 | 3.44 | 6.16 | 5.53 | 1.40 |
| 21 | 2,06 | 1.78 | 1.51 | 1.22 | 2.13 | 1.17 | 4.30 | 1.95 | 2.66 | 4.21 | 4.29 | 4.12 |
| 22 | 1.97 | 1.49 | 2.05 | .94 | 1.21 | 2.35 | 2.92 | 2.38 | 2.99 | 5.24 | 2.19 | 3.19 |
| 23 | 2.46 | 1.50 | 1.06 | 3.10 | 3.97 | 2.46 | 2.19 | 1.97 | 3.10 | 5.06 | 2.73 | 2.59 |
| 24 | 2.33 | 2.78 | 1.11 | 1.93 | 2.43 | 1.54 | 1.92 | 4.49 | 2.28 | 3.26 | 1.88 | 3.39 |
| 25 | 2.85 | 4.54 | 3.35 | 4.38 | 2.69 | .85 | 2.47 | 2.02 | 1.52 | 3.00 | 2.37 | 3.56 |
| 26 | 2.46 | 3.63 | 1.86 | 2.06 | 3.53 | 1.41 | 4.98 | 1.41 | 2.49 | 6.52 | 2.76 | 4.01 |
| 27 | 2.84 | 2.54 | 1.45 | 4.83 | 1.72 | 2.09 | 2.27 | 2.62 | 3.60 | 2.27 | 3.50 | 4.00 |
| 28 | 3.71 | 1.81 | 1.25 | 2.59 | 1.68 | 3.68 | 3.94 | 2.04 | 2.01 | 1.89 | 3.25 | 3.21 |
| 29 | 2.85 | .61 | 2.05 | 3.65 | 2.30 | 1.25 | 2.14 | 4.24 | 3.03 | 3.13 | 3.15 | 3.18 |
| 30 | 3.61 | - | 2.05 | 3.56 | 1.82 | 1.88 | 2.96 | 2.53 | 2.03 | 2.27 | 2.28 | 4.95 |
| 31 | 3.87 | - | 2.31 | - | 1.64 | - | 2.56 | 1.36 | - | 3.72 | - | 3.90 |

Table IVa. 35-year daily totals of rainfall (in inches), 1916-1950

Ashford

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.42 | 4.68 | 1.73 | 2.93 | 1.91 | 3.55 | 2.24 | 4.82 | 2.23 | 2.33 | 8.03 | 3.13 |
| 2 | 3.47 | 2.90 | 2.44 | 3.03 | 2.51 | 1.40 | 1.32 | 3.03 | .94 | 4.35 | 4.64 | 3.86 |
| 3 | 2.89 | 4.01 | 1.07 | 3.32 | 3.61 | 2.18 | 3.18 | 5.58 | 2.03 | 3.75 | 5.29 | 2.29 |
| 4 | 2.20 | 2.49 | 2.43 | 1.70 | .84 | 2.20 | 2.93 | 2.07 | 1.21 | 3.49 | 1.91 | 3.47 |
| 5 | 2.18 | 2.54 | 2.74 | 2.38 | 3.02 | 1.40 | 3.04 | 2.55 | 3.05 | 1.67 | 6.07 | 3.79 |
| 6 | 3.30 | 2.30 | 3.28 | 2.73 | 2.09 | 1.40 | 2.91 | 2.78 | 1.14 | 4.52 | 4.81 | 3.32 |
| 7 | 3.45 | 3.74 | 3.31 | 1.62 | 4.02 | 1.43 | 1.33 | 2.34 | 1.70 | 2.83 | 3.84 | 2.56 |
| 8 | 2.96 | 2.87 | 1.74 | 1.67 | 1.89 | 1.10 | 1.91 | 2.91 | 1.46 | 4.14 | 5.71 | 5.30 |
| 9 | 3.48 | 2.28 | .68 | 1.62 | 1.98 | 2.50 | 3.03 | 3.07 | 1.23 | 3.38 | 4.39 | 4.11 |
| 10 | 4.91 | 2.70 | 2.61 | 2.00 | 2.41 | 2.34 | 1.94 | 2.91 | 2.50 | 2.34 | 4.76 | 4.05 |
| 11 | 5.56 | 2.23 | 2.57 | 1.79 | 1.44 | 1.42 | .95 | 2.23 | 1.31 | 2.83 | 4.29 | 3.15 |
| 12 | 3.10 | 2.33 | 2.20 | 2.28 | 2.67 | 2.11 | 2.03 | 2.59 | 3.95 | 2.25 | 2.51 | 1.33 |
| 13 | 3.83 | 2.36 | 2.38 | 1.52 | 1.23 | 2.32 | 2.26 | 1.89 | 4.10 | 3.69 | 4.32 | 2.70 |
| 14 | 4.12 | 1.27 | 1.69 | 2.51 | 2.33 | 2.65 | 5.24 | 1.34 | 3.43 | 2.52 | 3.14 | 2.62 |
| 15 | 2.35 | 2.12 | .93 | 3.71 | 2.86 | 1.33 | 3.28 | 1.99 | 2.28 | 2.96 | 3.99 | 2.43 |
| 16 | 2.88 | 2.76 | 2.37 | 3.45 | 3.11 | 1.20 | 2.11 | 4.74 | 1.69 | 2.36 | 4.17 | 3.91 |
| 17 | 3.14 | 2.28 | 2.04 | 2.09 | 1.73 | 1.14 | 3.11 | 1.85 | 3.76 | 3.66 | 4.09 | 1.65 |
| 18 | 4.12 | 3.37 | 1.29 | 2.05 | 1.57 | 1.72 | 1.65 | 2.61 | 2.53 | 2.90 | 5.59 | 3.23 |
| 19 | 2.90 | 1.64 | 2.10 | 2.91 | 1.29 | 2.51 | 1.94 | 1.44 | 3.36 | 4.30 | 4.09 | 2.81 |
| 20 | 2.27 | 1.78 | 2.56 | 1.58 | 2.55 | 2.03 | 3.41 | 3.85 | 4.64 | 7.08 | 4.56 | 2.26 |
| 21 | 2.16 | 2.77 | 1.82 | 1.72 | 2.54 | 1.84 | 3.38 | 2.06 | 2.66 | 4.67 | 3.43 | 5.06 |
| 22 | 2.73 | 2.16 | 2.58 | .99 | .90 | 2.33 | 2.43 | 2.33 | 3.49 | 4.94 | 2.51 | 4.14 |
| 23 | 2.69 | 2.16 | 2.76 | 2.87 | 3.43 | 1.55 | 2.76 | 3.27 | 4.18 | 6.89 | 3.00 | 2.78 |
| 24 | 2.23 | 2.41 | 1.41 | 1.84 | 1.67 | 1.43 | 2.53 | 3.30 | 3.94 | 3.36 | 2.49 | 3.52 |
| 25 | 3.97 | 4.74 | 2.59 | 5.17 | 2.67 | .55 | 4.44 | 2.19 | 2.25 | 3.66 | 3.63 | 3.86 |
| 26 | 2.91 | 4.18 | 2.00 | 2.12 | 2.92 | 1.75 | 5.11 | 1.67 | 2.53 | 6.61 | 3.38 | 4.45 |
| 27 | 3.12 | 3.06 | 1.82 | 3.10 | 2.46 | 1.39 | 3.21 | 1.91 | 2.08 | 4.80 | 3.55 | 5.07 |
| 28 | 4.01 | 2.07 | 1.16 | 2.39 | 2.30 | 2.23 | 2.42 | 3.97 | 2.71 | 2.44 | 4.62 | 3.56 |
| 29 | 3.50 | .56 | 3.10 | 2.62 | 3.30 | 1.45 | 2.20 | 4.30 | 3.15 | 4.00 | 3.14 | 4.16 |
| 30 | 3.51 | - | 1.28 | 2.93 | 3.32 | 2.43 | 3.57 | 1.93 | 2.30 | 3.39 | 3.03 | 5.24 |
| 31 | 4.19 | - | 2.39 | - | 1.96 | - | 2.59 | 2.17 | - | 5.46 | - | 4.32 |



G.18638/CJH/8/63/75.

Table IVa. 35-year daily totals of rainfall (in inches), 1916-1950

Hastings.

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.80 | 3.48 | 1.33 | 2.68 | 1.62 | 2.92 | 1.77 | 4.87 | 1.23 | 2.49 | 8.76 | 3.85 |
| 2 | 3.73 | 3.96 | 1.82 | 4.11 | 1.16 | 1.74 | 1.40 | 1.43 | 1.22 | 3.62 | 3.82 | 4.22 |
| 3 | 3.43 | 3.79 | 1.34 | 3.62 | 3.19 | 2.50 | 3.48 | 3.54 | 1.67 | 3.91 | 5.30 | 2.57 |
| 4 | 2.24 | 3.62 | 3.52 | 1.64 | 1.78 | 2.50 | 3.29 | 2.35 | 1.70 | 2.59 | 1.81 | 3.08 |
| 5 | 2.83 | 2.32 | 3.15 | 1.93 | 2.61 | 1.25 | 1.86 | 2.04 | 1.93 | 2.67 | 6.97 | 3.92 |
| 6 | 2.92 | 1.92 | 2.55 | 2.82 | 1.70 | 1.78 | 2.23 | 3.29 | 1.72 | 3.37 | 4.79 | 3.24 |
| 7 | 3.33 | 3.21 | 2.33 | 2.50 | 1.87 | 1.19 | 1.42 | 1.65 | 1.60 | 4.07 | 3.72 | 2.78 |
| 8 | 2.59 | 1.83 | 1.38 | 1.07 | 1.66 | 1.68 | 1.31 | 2.20 | 1.75 | 3.81 | 7.47 | 4.61 |
| 9 | 2.86 | 2.55 | .59 | 2.08 | 1.62 | 2.17 | 2.84 | 1.87 | .99 | 2.75 | 4.65 | 3.67 |
| 10 | 4.54 | 1.61 | 2.25 | 1.47 | 1.38 | 2.54 | 3.51 | 2.17 | 2.33 | 3.86 | 4.49 | 4.43 |
| 11 | 6.08 | 1.77 | 2.20 | 1.41 | 1.48 | 1.44 | .87 | 1.66 | 1.31 | 3.14 | 4.99 | 2.47 |
| 12 | 3.36 | 1.86 | 1.20 | 2.09 | 1.23 | 2.34 | 1.31 | 1.93 | 3.82 | 3.55 | 2.33 | 1.02 |
| 13 | 4.89 | 1.95 | 2.71 | 1.27 | 2.46 | 2.64 | 1.06 | 2.02 | 3.62 | 2.65 | 4.90 | 2.10 |
| 14 | 2.38 | .93 | 1.89 | 2.60 | 2.14 | 1.63 | 5.31 | 1.86 | 4.23 | 4.98 | 3.32 | 4.59 |
| 15 | 3.81 | 1.85 | 1.03 | 4.05 | 2.94 | 1.00 | 4.11 | 2.55 | 1.52 | 1.82 | 4.49 | 2.48 |
| 16 | 2.44 | 3.13 | 2.64 | 2.52 | 1.88 | 1.89 | 4.54 | 4.23 | 2.31 | 3.64 | 5.76 | 2.96 |
| 17 | 2.38 | 2.11 | 2.51 | 1.61 | 1.97 | 2.38 | 2.54 | 2.62 | 3.54 | 3.21 | 3.53 | 2.20 |
| 18 | 3.82 | 2.29 | 1.07 | 1.92 | 1.18 | 1.60 | 2.01 | 1.06 | 5.78 | 2.76 | 4.35 | 3.76 |
| 19 | 3.41 | 1.67 | 1.95 | 2.84 | 1.83 | .96 | 2.44 | 3.13 | 4.40 | 2.61 | 3.79 | 1.67 |
| 20 | 2.60 | 1.65 | 1.50 | 1.88 | 3.03 | 2.23 | 4.43 | 3.05 | 3.35 | 8.13 | 5.30 | 1.94 |
| 21 | 2.56 | 2.13 | 2.29 | 1.83 | 2.73 | .82 | 1.46 | 1.62 | 3.97 | 4.48 | 3.17 | 5.48 |
| 22 | 2.30 | 1.59 | 2.34 | 1.19 | .91 | 1.77 | 2.59 | 3.63 | 3.42 | 6.24 | 4.08 | 4.35 |
| 23 | 2.43 | 1.78 | 2.38 | 2.65 | 2.28 | 1.17 | 2.21 | 2.84 | 4.11 | 5.96 | 3.45 | 3.68 |
| 24 | 2.88 | 2.89 | 2.16 | 2.63 | 2.16 | 1.04 | 2.19 | 5.04 | 2.89 | 4.60 | 2.21 | 2.97 |
| 25 | 3.95 | 4.26 | 3.14 | 3.86 | 2.22 | .66 | 3.78 | .62 | 2.60 | 3.73 | 3.97 | 4.33 |
| 26 | 2.70 | 5.01 | 2.16 | 1.97 | 2.12 | 1.96 | 4.27 | 1.97 | 2.09 | 5.10 | 3.26 | 4.22 |
| 27 | 3.18 | 2.60 | 2.24 | 2.14 | 2.17 | 1.87 | 3.03 | 2.04 | 1.24 | 2.96 | 4.24 | 4.58 |
| 28 | 3.30 | 2.38 | 1.65 | 2.04 | .88 | 2.85 | 2.67 | 4.06 | 2.29 | 3.30 | 4.07 | 4.73 |
| 29 | 4.03 | .35 | 3.31 | 2.45 | 3.31 | 1.95 | 2.62 | 3.82 | 3.39 | 3.39 | 3.26 | 3.83 |
| 30 | 3.60 | - | 1.39 | 2.16 | 2.01 | 2.45 | 2.40 | 3.51 | 2.56 | 2.30 | 1.70 | 6.96 |
| 31 | 3.80 | - | 2.39 | - | 2.21 | - | 1.59 | 1.91 | - | 4.55 | - | 4.43 |



G.18638/CJH/8/63/75.

Table IVa. 35-year daily totals of rainfall (in inches), 1916-1950

Edenbridge, Falconhurst.

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.31 | 6.12 | 1.88 | 3.19 | 3.02 | 2.02 | 1.48 | 4.89 | 2.48 | 1.50 | 5.68 | 4.60 |
| 2 | 3.30 | 4.75 | 2.22 | 3.45 | 2.74 | 2.43 | 1.69 | 3.35 | 2.61 | 3.22 | 4.49 | 3.97 |
| 3 | 2.92 | 4.29 | 1.98 | 4.70 | 4.16 | 1.39 | 3.06 | 3.13 | 2.85 | 4.65 | 4.26 | 2.69 |
| 4 | 2.03 | 3.18 | 2.96 | 2.50 | 1.32 | 2.84 | 2.22 | 3.27 | 2.42 | 2.89 | 2.47 | 3.44 |
| 5 | 2.29 | 3.63 | 3.22 | 3.32 | 4.32 | 1.59 | 2.95 | 3.80 | 2.45 | 2.65 | 6.49 | 3.21 |
| 6 | 3.46 | 2.16 | 3.41 | 2.95 | 2.03 | 2.66 | 3.06 | 2.93 | 2.51 | 2.61 | 5.34 | 3.34 |
| 7 | 3.43 | 3.86 | 2.56 | 2.10 | 2.11 | 2.52 | 1.74 | 3.54 | 1.27 | 2.97 | 4.59 | 3.70 |
| 8 | 2.64 | 2.94 | 1.39 | 1.97 | 1.77 | 1.90 | 2.79 | 2.36 | 1.90 | 3.81 | 5.51 | 4.36 |
| 9 | 4.04 | 2.17 | .39 | 2.08 | 2.62 | 2.71 | 4.71 | 3.22 | 2.41 | 3.12 | 4.93 | 4.07 |
| 10 | 5.66 | 2.64 | 2.44 | 2.41 | 2.89 | 2.31 | 3.59 | 2.16 | 2.02 | 2.46 | 5.96 | 3.00 |
| 11 | 4.31 | 1.90 | 1.97 | 2.40 | 1.22 | 1.60 | 2.47 | 3.36 | 1.18 | 4.87 | 7.20 | 2.82 |
| 12 | 3.27 | 2.72 | 2.17 | 1.64 | 1.76 | 2.95 | 2.38 | 4.79 | 4.86 | 2.20 | 3.81 | 1.62 |
| 13 | 4.07 | 2.61 | 3.32 | 2.43 | .81 | 1.79 | 1.95 | 2.35 | 2.49 | 3.67 | 4.26 | 3.43 |
| 14 | 2.79 | 1.55 | 2.20 | 2.90 | 1.34 | 3.69 | 5.46 | 2.62 | 4.01 | 3.23 | 3.63 | 4.20 |
| 15 | 3.84 | 1.38 | 1.81 | 3.23 | 2.03 | .74 | 5.11 | 3.63 | 2.33 | 2.53 | 3.55 | 2.57 |
| 16 | 2.18 | 3.41 | 3.52 | 2.89 | 2.17 | 1.56 | 1.86 | 4.62 | 2.26 | 3.11 | 6.44 | 3.90 |
| 17 | 3.45 | 2.46 | 1.84 | 1.74 | 1.86 | 1.70 | 3.24 | 2.16 | 3.85 | 4.15 | 3.40 | 1.95 |
| 18 | 5.24 | 1.64 | 1.42 | 2.20 | 2.26 | 2.99 | 2.63 | 3.19 | 3.52 | 3.03 | 6.22 | 3.83 |
| 19 | 3.69 | 1.77 | 2.53 | 2.10 | 1.44 | 1.96 | 3.75 | 2.06 | 4.46 | 5.33 | 3.26 | 2.37 |
| 20 | 2.63 | 2.87 | 1.47 | 2.66 | 2.46 | 2.40 | 4.07 | 3.48 | 4.07 | 6.60 | 6.40 | 1.91 |
| 21 | 2.67 | 2.94 | 1.89 | 2.21 | 2.80 | 1.02 | 4.31 | 2.70 | 2.34 | 5.17 | 3.89 | 5.22 |
| 22 | 3.30 | 1.51 | 2.74 | 1.02 | 1.98 | 2.12 | 2.97 | 2.99 | 3.93 | 5.94 | 2.77 | 4.48 |
| 23 | 3.65 | 2.08 | 1.67 | 3.17 | 3.48 | 2.22 | 2.42 | 3.62 | 3.04 | 7.19 | 4.05 | 2.98 |
| 24 | 3.19 | 3.36 | 1.53 | 2.89 | 1.78 | 3.75 | 1.65 | 5.05 | 2.95 | 3.90 | 2.82 | 3.52 |
| 25 | 3.23 | 5.29 | 3.93 | 4.81 | 3.65 | 1.41 | 2.85 | 2.23 | 2.54 | 4.76 | 2.62 | 3.49 |
| 26 | 3.24 | 5.00 | 1.98 | 3.17 | 3.56 | 1.35 | 5.43 | 1.91 | 1.48 | 5.34 | 3.10 | 5.32 |
| 27 | 3.33 | 4.06 | 2.10 | 3.37 | 1.96 | 2.55 | 2.69 | 4.23 | 2.50 | 2.95 | 4.26 | 4.36 |
| 28 | 4.50 | 2.61 | 2.22 | 1.75 | 2.58 | 2.90 | 3.60 | 2.87 | 2.14 | 2.64 | 4.03 | 3.90 |
| 29 | 3.90 | .80 | 2.62 | 2.77 | 4.60 | 1.07 | 1.18 | 3.83 | 2.90 | 3.74 | 3.70 | 3.73 |
| 30 | 3.96 | - | 1.96 | 2.81 | 1.81 | 3.22 | 2.83 | 3.66 | 2.43 | 2.45 | 3.77 | 6.48 |
| 31 | 5.11 | - | 3.50 | - | 2.45 | - | 2.51 | 3.71 | - | 4.49 | - | 4.38 |



G.18638/CJH/8/63/75.

Table IVa. 35-year daily totals of rainfall (in inches), 1916-1950

Brighton, Mile Oak.

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.33 | 4.81 | 1.53 | 3.16 | 1.61 | 1.86 | 2.67 | 4.00 | 2.37 | 1.82 | 8.09 | 3.75 |
| 2 | 3.04 | 5.13 | 2.47 | 3.04 | 1.18 | 1.71 | 1.72 | 3.48 | 2.11 | 3.43 | 4.01 | 4.41 |
| 3 | 2.98 | 4.56 | 2.27 | 5.10 | 3.38 | 2.13 | 3.38 | 3.69 | 2.95 | 4.64 | 4.22 | 2.77 |
| 4 | 2.12 | 3.26 | 3.30 | 2.08 | 2.56 | 5.33 | 3.24 | 3.07 | 2.27 | 3.32 | 2.37 | 4.34 |
| 5 | 2.74 | 2.83 | 3.11 | 3.11 | 1.85 | 1.77 | 3.06 | 2.61 | 1.87 | 1.99 | 6.00 | 2.85 |
| 6 | 5.73 | 2.45 | 2.91 | 2.31 | 2.19 | 2.61 | 2.79 | 3.19 | 2.37 | 2.10 | 6.95 | 3.54 |
| 7 | 3.54 | 3.61 | 2.36 | 1.81 | 2.60 | 1.60 | .64 | 1.98 | 1.09 | 3.25 | 4.22 | 3.45 |
| 8 | 2.88 | 2.80 | 1.05 | 1.27 | 1.80 | 1.65 | 1.80 | 2.28 | 1.58 | 3.96 | 6.35 | 4.03 |
| 9 | 3.30 | 1.85 | 1.10 | 1.89 | 1.49 | 2.35 | 3.84 | 2.58 | 2.20 | 3.35 | 6.16 | 3.02 |
| 10 | 5.06 | 1.89 | 2.86 | 1.86 | 2.59 | 2.10 | 4.29 | 2.30 | 1.78 | 3.22 | 4.98 | 3.64 |
| 11 | 4.38 | 1.53 | 1.98 | 2.39 | .97 | 1.44 | 1.09 | 1.99 | .96 | 4.69 | 6.21 | 3.64 |
| 12 | 3.44 | 2.60 | 1.88 | 2.48 | 1.83 | 2.50 | 1.94 | 1.92 | 4.87 | 1.60 | 3.40 | .97 |
| 13 | 4.81 | 1.71 | 2.47 | 2.68 | .89 | 1.96 | 2.09 | 1.56 | 3.40 | 3.96 | 5.16 | 2.65 |
| 14 | 3.20 | 1.87 | 2.05 | 2.29 | 1.86 | 2.45 | 4.45 | 1.62 | 5.07 | 3.68 | 4.14 | 4.39 |
| 15 | 4.76 | 1.55 | 2.50 | 3.37 | 3.00 | 1.07 | 3.91 | 3.12 | 2.34 | 2.56 | 4.61 | 3.61 |
| 16 | 2.27 | 3.59 | 3.21 | 2.47 | 1.77 | 1.56 | 1.93 | 6.10 | 2.78 | 3.46 | 6.70 | 3.29 |
| 17 | 3.06 | 2.68 | 2.74 | 1.72 | 1.61 | 1.92 | 4.30 | 1.58 | 3.97 | 3.86 | 3.02 | 2.32 |
| 18 | 5.01 | 1.69 | 1.33 | 1.60 | 2.04 | 2.76 | 1.86 | 3.44 | 4.75 | 1.88 | 5.94 | 4.05 |
| 19 | 3.99 | 2.93 | 2.64 | 1.70 | 1.40 | 1.90 | 2.31 | 3.48 | 5.09 | 4.30 | 4.27 | 2.32 |
| 20 | 3.13 | 1.72 | 1.85 | 2.59 | 1.81 | 3.67 | 3.65 | 3.08 | 3.63 | 8.11 | 5.10 | 1.93 |
| 21 | 2.48 | 2.04 | 2.05 | 2.60 | 2.15 | .52 | 3.08 | 1.96 | 2.90 | 5.43 | 3.63 | 4.82 |
| 22 | 2.97 | 1.91 | 2.36 | 1.05 | 1.35 | 1.40 | 2.33 | 4.63 | 4.52 | 6.71 | 3.38 | 4.71 |
| 23 | 3.03 | 2.44 | 1.89 | 2.81 | 3.01 | 1.75 | 2.20 | 3.33 | 4.09 | 5.04 | 4.32 | 3.70 |
| 24 | 3.65 | 3.03 | 1.73 | 2.28 | 2.42 | 1.11 | 2.77 | 3.66 | 3.78 | 3.96 | 2.22 | 4.01 |
| 25 | 4.00 | 4.88 | 3.54 | 5.13 | 2.35 | .81 | 2.66 | 2.44 | 2.55 | 3.95 | 2.66 | 4.06 |
| 26 | 3.55 | 5.49 | 1.63 | 2.39 | 2.85 | 1.26 | 4.99 | 1.85 | 1.66 | 4.71 | 3.45 | 4.97 |
| 27 | 4.15 | 2.85 | 1.96 | 3.00 | 3.39 | 3.23 | 3.50 | 3.03 | 1.96 | 2.15 | 5.16 | 5.45 |
| 28 | 5.01 | 1.87 | 2.29 | 2.16 | 2.59 | 3.72 | 3.46 | 3.32 | 2.07 | 2.49 | 3.30 | 4.45 |
| 29 | 4.13 | .73 | 3.05 | 2.57 | 3.57 | 1.34 | .95 | 4.13 | 3.76 | 3.65 | 3.14 | 4.47 |
| 30 | 3.41 | - | 2.37 | 2.10 | 2.38 | 3.05 | 2.88 | 3.67 | 2.75 | 3.25 | 3.39 | 5.58 |
| 31 | 4.57 | - | 3.01 | - | 2.16 | - | 2.26 | 2.58 | - | 3.93 | - | 4.13 |



G.18638/CJH/8/63/75.

Table IVa.35-year daily totals of rainfall (in inches), 1916-1950

Compton House

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.07 | 6.16 | 2.77 | 3.70 | 2.52 | 2.92 | 4.43 | 4.51 | 2.86 | 3.06 | 8.20 | 6.66 |
| 2 | 4.32 | 6.04 | 2.28 | 5.05 | 2.33 | 1.97 | 2.46 | 3.27 | 5.00 | 2.62 | 4.89 | 4.70 |
| 3 | 4.53 | 4.57 | 3.08 | 6.22 | 3.67 | 1.93 | 2.94 | 4.03 | 4.44 | 5.45 | 4.73 | 3.15 |
| 4 | 3.15 | 3.98 | 4.00 | 1.79 | 2.76 | 3.63 | 3.35 | 3.58 | 2.03 | 4.15 | 3.87 | 4.41 |
| 5 | 3.14 | 3.80 | 4.62 | 4.15 | 5.00 | 1.94 | 6.13 | 3.33 | 2.28 | 3.01 | 5.90 | 3.41 |
| 6 | 7.39 | 2.84 | 3.36 | 3.19 | 2.02 | 3.41 | 2.80 | 3.97 | 2.41 | 2.72 | 5.44 | 3.92 |
| 7 | 4.06 | 4.25 | 3.27 | 2.03 | 4.43 | 2.46 | .91 | 3.48 | 1.58 | 4.10 | 5.58 | 5.57 |
| 8 | 3.05 | 3.49 | 1.33 | 1.98 | 3.03 | 2.23 | 2.56 | 1.69 | 3.04 | 4.50 | 5.45 | 4.29 |
| 9 | 3.96 | 2.63 | 1.16 | 2.62 | 1.33 | 1.92 | 3.81 | 2.96 | 3.03 | 2.70 | 5.49 | 4.64 |
| 10 | 7.51 | 3.03 | 3.30 | 2.29 | 2.92 | 1.93 | 4.39 | 2.50 | 2.26 | 2.69 | 4.34 | 4.98 |
| 11 | 5.39 | 2.23 | 1.86 | 3.57 | 1.68 | 2.07 | 1.91 | 2.56 | 1.41 | 4.66 | 8.02 | 4.27 |
| 12 | 4.52 | 4.19 | 2.42 | 2.03 | 1.81 | 3.35 | 4.46 | 2.71 | 5.67 | 2.64 | 3.04 | 1.37 |
| 13 | 4.77 | 2.13 | 3.64 | 4.26 | .91 | 1.88 | 4.72 | 2.13 | 4.12 | 4.03 | 6.55 | 4.36 |
| 14 | 4.42 | 2.00 | 2.54 | 3.68 | 1.19 | 2.70 | 5.39 | 3.05 | 6.62 | 3.46 | 4.14 | 5.98 |
| 15 | 5.54 | 1.85 | 2.26 | 3.48 | 2.68 | 1.61 | 4.99 | 3.04 | 2.46 | 3.31 | 4.99 | 6.75 |
| 16 | 2.90 | 4.15 | 3.82 | 2.96 | 2.03 | 3.27 | .75 | 3.90 | 4.19 | 4.10 | 7.65 | 2.60 |
| 17 | 4.16 | 3.31 | 2.60 | 2.49 | 2.46 | 2.13 | 3.78 | 2.65 | 3.63 | 5.58 | 4.03 | 3.62 |
| 18 | 6.50 | 2.33 | 1.76 | 1.75 | 2.59 | 3.92 | 2.24 | 3.79 | 4.20 | 3.35 | 6.25 | 3.68 |
| 19 | 3.99 | 2.55 | 4.57 | 2.47 | 1.53 | 1.30 | 2.64 | 3.46 | 4.11 | 5.16 | 5.26 | 2.57 |
| 20 | 4.07 | 2.67 | 2.12 | 3.07 | 2.37 | 2.97 | 3.98 | 4.64 | 5.26 | 7.12 | 6.31 | 2.36 |
| 21 | 3.23 | 3.05 | 1.97 | 2.15 | 1.87 | .66 | 3.46 | 4.66 | 2.54 | 5.99 | 4.90 | 5.83 |
| 22 | 5.22 | 2.65 | 3.01 | 1.37 | 1.73 | 3.25 | 3.30 | 4.37 | 4.27 | 7.14 | 4.25 | 5.25 |
| 23 | 4.19 | 3.05 | 2.55 | 2.88 | 4.15 | 1.88 | 1.76 | 4.77 | 3.51 | 6.99 | 6.01 | 4.94 |
| 24 | 3.93 | 3.57 | 2.01 | 2.98 | 3.43 | 1.04 | 2.52 | 3.34 | 3.90 | 4.23 | 3.19 | 4.47 |
| 25 | 4.59 | 5.78 | 3.39 | 5.18 | 3.69 | 1.09 | 4.82 | 2.30 | 4.47 | 6.39 | 2.50 | 4.51 |
| 26 | 3.93 | 6.64 | 2.03 | 2.65 | 4.02 | 2.10 | 7.08 | 2.58 | 1.18 | 6.59 | 2.86 | 5.83 |
| 27 | 4.92 | 4.15 | 2.46 | 2.68 | 4.73 | 2.19 | 4.74 | 4.41 | 1.70 | 4.30 | 6.70 | 6.70 |
| 28 | 7.14 | 1.95 | 2.81 | 2.07 | 2.79 | 4.36 | 4.63 | 5.09 | 2.03 | 2.24 | 4.39 | 4.61 |
| 29 | 5.17 | 1.50 | 2.98 | 1.87 | 5.37 | 2.61 | 1.06 | 5.03 | 3.39 | 4.13 | 2.23 | 4.53 |
| 30 | 4.92 | - | 2.31 | 1.68 | 2.90 | 3.45 | 2.66 | 4.61 | 2.41 | 3.41 | 5.56 | 6.83 |
| 31 | 6.97 | - | 4.49 | - | 2.15 | - | 1.81 | 1.25 | - | 5.85 | - | 4.89 |



G.18638/CJH/8/63/75.

Table IVb Rainfall totals in inches, divided by 35, thus giving 35-year means ranging from 'trace' to .70 in., for use with table IVa.

| Totals in inches x | 35 yr means $x/_{35}$ | Totals in inches x | 35 yr means $x/_{35}$ |
|---|---|---|---|
| – .17 | 'trace' | 12.43 – 12.77 | .36 |
| .18 – .52 | .01 | 12.78 – 13.12 | .37 |
| .53 – .87 | .02 | 13.13 – 13.47 | .38 |
| .88 – 1.22 | .03 | 13.48 – 13.82 | .39 |
| 1.23 – 1.57 | .04 | 13.83 – 14.17 | .40 |
| 1.58 – 1.92 | .05 | 14.18 – 14.52 | .41 |
| 1.93 – 2.27 | .06 | 14.53 – 14.87 | .42 |
| 2.28 – 2.62 | .07 | 14.88 – 15.22 | .43 |
| 2.63 – 2.97 | .08 | 15.23 – 15.57 | .44 |
| 2.98 – 3.32 | .09 | 15.58 – 15.92 | .45 |
| 3.33 – 3.67 | .10 | 15.93 – 16.27 | .46 |
| 3.68 – 4.02 | .11 | 16.28 – 16.62 | .47 |
| 4.03 – 4.37 | .12 | 16.63 – 16.97 | .48 |
| 4.38 – 4.72 | .13 | 16.98 – 17.32 | .49 |
| 4.73 – 5.07 | .14 | 17.33 – 17.67 | .50 |
| 5.08 – 5.42 | .15 | 17.68 – 18.02 | .51 |
| 5.43 – 5.77 | .16 | 18.03 – 18.37 | .52 |
| 5.78 – 6.12 | .17 | 18.38 – 18.72 | .53 |
| 6.13 – 6.47 | .18 | 18.73 – 19.07 | .54 |
| 6.48 – 6.82 | .19 | 19.08 – 19.42 | .55 |
| 6.83 – 7.17 | .20 | 19.43 – 19.77 | .56 |
| 7.18 – 7.52 | .21 | 19.78 – 20.12 | .57 |
| 7.53 – 7.87 | .22 | 20.13 – 20.47 | .58 |
| 7.88 – 8.22 | .23 | 20.48 – 20.82 | .59 |
| 8.23 – 8.57 | .24 | 20.83 – 21.17 | .60 |
| 8.58 – 8.92 | .25 | 21.18 – 21.52 | .61 |
| 8.93 – 9.27 | .26 | 21.53 – 21.87 | .62 |
| 9.28 – 9.62 | .27 | 21.88 – 22.22 | .63 |
| 9.63 – 9.97 | .28 | 22.23 – 22.57 | .64 |
| 9.98 – 10.32 | .29 | 22.58 – 22.92 | .65 |
| 10.33 – 10.67 | .30 | 22.93 – 23.27 | .66 |
| 10.68 – 11.02 | .31 | 23.28 – 23.62 | .67 |
| 11.03 – 11.37 | .32 | 23.63 – 23.97 | .68 |
| 11.38 – 11.72 | .33 | 23.98 – 24.32 | .69 |
| 11.73 – 12.07 | .34 | 24.33 – 24.67 | .70 |
| 12.08 – 12.42 | .35 | | |



G.12271/JB/2/63/75.

TABLE V, Accumulated Frequencies of Daily Rainfall Amounts (in inches) 1916-1950.

East Malling

| Daily Totals | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | All months |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IV 2.50 | | | | | | | | | | | | | |
| 2.40 | | | | | | | | | | | | | |
| 2.30 | | | | | | | | | | | | | |
| 2.20 | | | | | | | | | | | | | |
| 2.10 | | | | | | | | | | | | | |
| 2.00 | | | | | | | | | | | | | |
| 1.90 | | | | | | | | | | | | | |
| 1.80 | | | | | | | | 1 | | | | | 1 |
| 1.70 | | | | | | | | 1 | 1 | | | | 2 |
| 1.60 | | | | | | 1 | | 1 | 1 | | 1 | | 4 |
| 1.50 | | | | | | 1 | 1 | 1 | 2 | 2 | 1 | | 8 |
| 1.40 | | | | | | 2 | 4 | 3 | 2 | 3 | 1 | | 15 |
| 1.30 | | 1 | | 1 | | 2 | 6 | 3 | 2 | 4 | 1 | | 20 |
| 1.20 | 1 | 1 | | 2 | | 2 | 8 | 5 | 2 | 4 | 3 | | 28 |
| 1.10 | 1 | 1 | | 2 | 1 | 3 | 8 | 6 | 3 | 4 | 4 | 2 | 35 |
| 1.00 | 2 | 1 | | 3 | 2 | 4 | 9 | 7 | 4 | 8 | 7 | 3 | 50 |
| 0.90 | 4 | 2 | 1 | 3 | 3 | 6 | 12 | 12 | 6 | 15 | 11 | 5 | 80 |
| 0.80 | 4 | 6 | 4 | 5 | 8 | 6 | 14 | 13 | 8 | 20 | 17 | 7 | 112 |
| 0.70 | 6 | 8 | 5 | 9 | 13 | 9 | 20 | 18 | 12 | 26 | 32 | 12 | 170 |
| 0.60 | 12 | 13 | 10 | 16 | 19 | 13 | 26 | 29 | 19 | 38 | 41 | 24 | 260 |
| 0.50 | 26 | 22 | 17 | 20 | 25 | 22 | 36 | 41 | 31 | 48 | 61 | 32 | 381 |
| 0.40 | 41 | 39 | 27 | 32 | 41 | 31 | 65 | 56 | 48 | 67 | 93 | 49 | 589 |
| 0.30 | 81 | 66 | 52 | 65 | 70 | 53 | 94 | 84 | 80 | 108 | 131 | 100 | 984 |
| 0.20 | 152 | 108 | 104 | 125 | 120 | 89 | 136 | 136 | 129 | 176 | 188 | 160 | 1623 |
| 0.10 | 293 | 204 | 187 | 247 | 207 | 166 | 224 | 229 | 205 | 268 | 284 | 291 | 2805 |
| IV 0.005 | 594 | 453 | 427 | 484 | 428 | 367 | 430 | 431 | 455 | 500 | 534 | 587 | 5690 |
| * VI 0.004 | 491 | 536 | 658 | 566 | 657 | 683 | 655 | 654 | 595 | 585 | 516 | 498 | 7094 |
| Total No. of days | 1085 | 989 | 1085 | 1050 | 1085 | 1050 | 1085 | 1085 | 1050 | 1085 | 1050 | 1085 | 12784 |

* Including rainless days.



G.18638/CJH/8/63/75.

TABLE V. Accumulated Frequencies of Daily Rainfall Amounts (in inches) 1916-1950.

Ashford

| Daily Totals | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | All months |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 2.50 | | | | | | | | | | | | | |
| 2.40 | | | | | | | | | | | | | |
| 2.30 | | | | | | | | | | | | | |
| 2.20 | | | | | | | | | | | | | |
| 2.10 | | | | | | | | | | 1 | | | 1 |
| 2.00 | | | | | | | | | | 1 | | | 1 |
| 1.90 | | | | | | | 1 | | | 1 | 1 | | 3 |
| 1.80 | | | | | | | 1 | 1 | | 2 | 1 | | 5 |
| 1.70 | 1 | | | | | | 3 | 1 | | 2 | 2 | 1 | 10 |
| 1.60 | 1 | | | | | | 3 | 1 | | 2 | 2 | 1 | 10 |
| 1.50 | 1 | | | | | | 3 | 1 | 1 | 3 | 2 | 1 | 12 |
| 1.40 | 1 | 1 | | | | | 3 | 3 | 1 | 4 | 2 | 1 | 16 |
| 1.30 | 3 | 1 | | | | | 4 | 6 | 1 | 5 | 2 | 4 | 26 |
| 1.20 | 3 | 1 | | 2 | | | 4 | 7 | 2 | 7 | 4 | 5 | 35 |
| 1.10 | 3 | 2 | | 2 | 1 | | 5 | 7 | 3 | 10 | 7 | 7 | 47 |
| 1.00 | 3 | 2 | 1 | 2 | 2 | 1 | 9 | 11 | 5 | 14 | 12 | 9 | 71 |
| 0.90 | 7 | 3 | 2 | 4 | 7 | 3 | 12 | 16 | 9 | 18 | 15 | 9 | 105 |
| 0.80 | 10 | 7 | 3 | 4 | 9 | 4 | 19 | 17 | 11 | 23 | 19 | 12 | 138 |
| 0.70 | 15 | 13 | 8 | 4 | 12 | 7 | 23 | 26 | 20 | 33 | 24 | 16 | 201 |
| 0.60 | 22 | 17 | 13 | 12 | 24 | 14 | 32 | 29 | 28 | 47 | 41 | 28 | 307 |
| 0.50 | 34 | 28 | 17 | 19 | 34 | 22 | 42 | 35 | 37 | 67 | 69 | 49 | 453 |
| 0.40 | 54 | 53 | 35 | 37 | 52 | 35 | 56 | 55 | 61 | 96 | 101 | 71 | 706 |
| 0.30 | 110 | 83 | 62 | 67 | 80 | 55 | 87 | 92 | 87 | 129 | 153 | 117 | 1122 |
| 0.20 | 191 | 139 | 119 | 129 | 132 | 98 | 134 | 141 | 127 | 203 | 220 | 197 | 1830 |
| 0.10 | 336 | 230 | 214 | 251 | 209 | 169 | 236 | 234 | 213 | 294 | 325 | 335 | 3046 |
| ≥ 0.005 | 650 | 531 | 481 | 525 | 453 | 800 | 462 | 481 | 477 | 565 | 595 | 623 | 6643 |
| * ≥ 0.004 | 435 | 458 | 604 | 525 | 632 | 250 | 623 | 604 | 573 | 520 | 455 | 462 | 6141 |
| Total No. of days | 1085 | 989 | 1085 | 1050 | 1085 | 1050 | 1085 | 1085 | 1050 | 1085 | 1050 | 1085 | 12784 |

* Including rainless days.



G.18638/CJH/8/63/75.

TABLE V. Accumulated Frequencies of Daily Rainfall Amounts (in inches) 1916-1950.

Hastings

| Daily Totals | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | All months |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IV 2.50 | | | | | | | | | | | | | |
| 2.40 | | | | | | | | | | | | | |
| 2.30 | | | | | | | | | | 1 | | | 1 |
| 2.20 | | | | | | | | | | 1 | | | 1 |
| 2.10 | | | | | | | 1 | | | 1 | | | 2 |
| 2.00 | | | | | | | 1 | | | 1 | 1 | | 3 |
| 1.90 | | | | | | | 1 | | | 1 | 1 | | 3 |
| 1.80 | | | | | | | 1 | | | 1 | 1 | | 3 |
| 1.70 | | | | | | | 1 | 1 | | 1 | 1 | | 4 |
| 1.60 | 1 | | | | | | 1 | 3 | | 2 | 2 | | 9 |
| 1.50 | 1 | | | | | | 2 | 3 | | 3 | 3 | | 12 |
| 1.40 | 2 | | | | | | 2 | 4 | | 3 | 3 | | 14 |
| 1.30 | 2 | | | | | | 3 | 4 | | 5 | 3 | | 17 |
| 1.20 | 3 | 1 | | | | | 4 | 5 | | 6 | 3 | 2 | 24 |
| 1.10 | 4 | 3 | | | 1 | 1 | 5 | 6 | 2 | 11 | 10 | 2 | 45 |
| 1.00 | 5 | 3 | | | 1 | 2 | 9 | 10 | 5 | 13 | 13 | 6 | 67 |
| 0.90 | 7 | 3 | 3 | 2 | 2 | 6 | 12 | 11 | 8 | 21 | 21 | 8 | 104 |
| 0.80 | 10 | 6 | 7 | 3 | 4 | 7 | 14 | 15 | 10 | 26 | 27 | 10 | 139 |
| 0.70 | 13 | 8 | 10 | 7 | 8 | 8 | 25 | 20 | 14 | 36 | 37 | 23 | 209 |
| 0.60 | 19 | 13 | 11 | 8 | 15 | 13 | 32 | 29 | 25 | 51 | 58 | 36 | 310 |
| 0.50 | 30 | 26 | 22 | 16 | 24 | 22 | 46 | 41 | 42 | 67 | 84 | 55 | 475 |
| 0.40 | 58 | 52 | 40 | 36 | 40 | 36 | 60 | 59 | 62 | 103 | 113 | 93 | 752 |
| 0.30 | 120 | 80 | 71 | 68 | 66 | 55 | 82 | 87 | 96 | 136 | 154 | 142 | 1157 |
| 0.20 | 194 | 127 | 112 | 134 | 115 | 93 | 133 | 133 | 140 | 195 | 229 | 208 | 1813 |
| 0.10 | 327 | 213 | 210 | 236 | 193 | 162 | 214 | 221 | 227 | 295 | 310 | 323 | 2936 |
| IV 0.005 | 597 | 453 | 414 | 451 | 390 | 356 | 389 | 406 | 406 | 491 | 525 | 560 | 5438 |
| *VI 0.004 | 488 | 536 | 671 | 599 | 695 | 694 | 696 | 679 | 644 | 594 | 525 | 525 | 7346 |
| Total No. of days. | 1085 | 989 | 1085 | 1050 | 1085 | 1050 | 1085 | 1085 | 1050 | 1085 | 1050 | 1085 | 12784 |

* Including rainless days.



G.18638/CJH/8/63/75.

TABLE V. Accumulated Frequencies of Daily Rainfall Amounts (in inches) 1916-1950.

Edenbridge, Falconhurst

| Daily Totals | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | All months |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IV 2.50 | | | | | | | | | | | | | |
| 2.40 | | | | | | | | | | | | | |
| 2.30 | | | | | | | | | | | | | |
| 2.20 | | | | | | 1 | | 1 | | | | | 2 |
| 2.10 | | | | | | 1 | | 1 | | | | | 2 |
| 2.00 | | | | | | 1 | | 2 | | | | | 3 |
| 1.90 | | | | | | 1 | 1 | 2 | | | | | 4 |
| 1.80 | | | | | | 1 | 1 | 2 | | | 1 | | 5 |
| 1.70 | | | | | | 1 | 2 | 3 | | 1 | 1 | | 8 |
| 1.60 | | | | | | 1 | 2 | 3 | | 2 | 1 | | 9 |
| 1.50 | | | | | | 1 | 2 | 4 | | 3 | 1 | | 11 |
| 1.40 | 1 | 1 | | 1 | 1 | 1 | 4 | 5 | | 3 | 2 | | 19 |
| 1.30 | 1 | 1 | | 1 | 1 | 1 | 4 | 7 | 1 | 3 | 2 | | 22 |
| 1.20 | 1 | 3 | | 1 | 1 | 3 | 5 | 9 | 3 | 5 | 9 | 1 | 41 |
| 1.10 | 3 | 5 | | 1 | 1 | 3 | 6 | 11 | 4 | 8 | 12 | 3 | 57 |
| 1.00 | 5 | 7 | 1 | 2 | 1 | 5 | 10 | 16 | 6 | 9 | 16 | 5 | 83 |
| 0.90 | 7 | 12 | 3 | 2 | 1 | 7 | 13 | 19 | 7 | 12 | 25 | 8 | 116 |
| 0.80 | 12 | 14 | 7 | 6 | 8 | 12 | 16 | 26 | 8 | 22 | 32 | 13 | 176 |
| 0.70 | 17 | 19 | 11 | 11 | 16 | 14 | 23 | 30 | 14 | 35 | 45 | 23 | 258 |
| 0.60 | 29 | 31 | 15 | 11 | 23 | 20 | 31 | 38 | 25 | 52 | 66 | 38 | 379 |
| 0.50 | 48 | 44 | 25 | 25 | 33 | 29 | 51 | 52 | 34 | 73 | 81 | 55 | 550 |
| 0.40 | 74 | 56 | 42 | 40 | 46 | 38 | 67 | 74 | 52 | 97 | 118 | 79 | 783 |
| 0.30 | 124 | 87 | 79 | 86 | 76 | 60 | 103 | 111 | 96 | 146 | 155 | 134 | 1257 |
| 0.20 | 209 | 145 | 133 | 156 | 134 | 101 | 160 | 163 | 144 | 209 | 224 | 225 | 2003 |
| 0.10 | 352 | 254 | 226 | 273 | 244 | 193 | 257 | 258 | 252 | 293 | 320 | 320 | 3242 |
| IV 0.005 | 611 | 464 | 429 | 485 | 414 | 374 | 444 | 458 | 446 | 527 | 550 | 585 | 5787 |
| * IV 0.004 | 474 | 525 | 656 | 565 | 671 | 676 | 641 | 627 | 604 | 558 | 500 | 500 | 6997 |
| Total No. of days | 1085 | 989 | 1085 | 1050 | 1085 | 1050 | 1085 | 1085 | 1050 | 1085 | 1050 | 1085 | 12784 |

* Including rainless days.

TABLE V. Accumulated Frequencies of Daily Rainfall (in inches) 1915-1950.

Brighton, Mile Oak.

| Daily Totals | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | All months |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 2.70 | | | | | | | | 1 | | | | | 1 |
| 2.50 | | | | | | | | 1 | | | | | 1 |
| 2.40 | | | | | | | | 1 | | | | | 1 |
| 2.30 | | | | | | | | 1 | | | | | 1 |
| 2.20 | | | | | | | | 1 | 1 | | | | 3 |
| 2.10 | 1 | | | | | | 1 | 1 | 1 | | | | 4 |
| 2.00 | 1 | | | | | | 1 | 1 | 1 | | | | 4 |
| 1.90 | 1 | | | | | | 1 | 1 | 1 | 1 | | | 6 |
| 1.80 | 2 | | | | | 2 | 1 | 1 | 1 | 1 | 1 | | 9 |
| 1.70 | 2 | | | | | 2 | 1 | 1 | 2 | 1 | 3 | | 13 |
| 1.60 | 3 | | | | 1 | 2 | 1 | 2 | 2 | 2 | 4 | | 18 |
| 1.50 | 3 | 1 | | 1 | 1 | 2 | 1 | 4 | 3 | 3 | 5 | 1 | 25 |
| 1.40 | 3 | 1 | | 1 | 1 | 4 | 1 | 4 | 3 | 5 | 7 | 2 | 32 |
| 1.30 | 3 | 1 | | 1 | 1 | 6 | 1 | 4 | 4 | 8 | 8 | 2 | 39 |
| 1.20 | 3 | 3 | 1 | 1 | 1 | 6 | 4 | 8 | 5 | 8 | 14 | 4 | 58 |
| 1.10 | 3 | 3 | 3 | 1 | 2 | 6 | 6 | 12 | 5 | 11 | 19 | 7 | 80 |
| 1.00 | 5 | 5 | 3 | 1 | 4 | 7 | 8 | 15 | 8 | 13 | 26 | 9 | 109 |
| 0.90 | 10 | 7 | 9 | 6 | 6 | 11 | 15 | 16 | 12 | 19 | 38 | 13 | 166 |
| 0.80 | 14 | 11 | 11 | 7 | 11 | 13 | 22 | 21 | 22 | 31 | 49 | 19 | 232 |
| 0.70 | 15 | 22 | 23 | 12 | 17 | 21 | 34 | 35 | 28 | 50 | 60 | 38 | 367 |
| 0.60 | 27 | 38 | 29 | 21 | 25 | 25 | 45 | 52 | 37 | 67 | 80 | 61 | 518 |
| 0.50 | 38 | 52 | 49 | 45 | 41 | 40 | 75 | 76 | 63 | 97 | 121 | 86 | 820 |
| 0.40 | 75 | 83 | 79 | 77 | 72 | 66 | 98 | 104 | 93 | 142 | 171 | 138 | 1248 |
| 0.30 | 125 | 141 | 122 | 140 | 127 | 104 | 143 | 156 | 155 | 193 | 225 | 211 | 1735 |
| 0.20 | 218 | 240 | 218 | 246 | 206 | 167 | 226 | 226 | 244 | 290 | 318 | 328 | 3054 |
| 0.10 | 345 | 470 | 444 | 480 | 403 | 357 | 430 | 432 | 457 | 513 | 554 | 590 | 5784 |
| ≥ 0.005 | 654 | | | | | | | | | | | | |
| * ≥ 0.004 | 431 | 519 | 641 | 570 | 682 | 693 | 655 | 653 | 593 | 572 | 496 | 495 | 7000 |
| Total No. of days | 1085 | 989 | 1085 | 1050 | 1085 | 1050 | 1085 | 1085 | 1050 | 1085 | 1050 | 1085 | 12784 |

* Including rainless days.



G.18638/CJH/8/63/75.

TABLE V. Accumulated Frequencies of Daily Rainfall (in inches) 1916-1950

Compton House.

| Daily Totals | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | All months |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IV 2.90 | | | | | | | | | 1 | | | | 1 |
| 2.60 | | | | | | 1 | | | 1 | | | | 2 |
| 2.50 | | | | | | 1 | | | 1 | | | | 2 |
| 2.40 | | | | | | 1 | | | 1 | | | | 2 |
| 2.30 | | | | | | 1 | | | 1 | | | | 2 |
| 2.20 | | | | | | 1 | 1 | | 2 | | | | 4 |
| 2.10 | | | | | | 1 | 1 | | 2 | 1 | | | 5 |
| 2.00 | | | | | | 1 | 1 | | 2 | 1 | 2 | | 7 |
| 1.90 | 1 | | | | | 1 | 1 | | 2 | 2 | 2 | | 9 |
| 1.80 | 1 | | | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | | 11 |
| 1.70 | 1 | | | | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | 13 |
| 1.60 | 1 | | 1 | | 1 | 1 | 3 | 2 | 2 | 3 | 4 | 1 | 19 |
| 1.50 | 2 | | 1 | | 1 | 1 | 3 | 2 | 2 | 3 | 5 | 1 | 21 |
| 1.40 | 2 | | 1 | | 1 | 1 | 4 | 4 | 3 | 3 | 6 | 1 | 26 |
| 1.30 | 3 | 2 | 1 | | 1 | 2 | 7 | 8 | 4 | 6 | 8 | 2 | 44 |
| 1.20 | 5 | 2 | 1 | | 2 | 3 | 9 | 8 | 6 | 8 | 12 | 5 | 61 |
| 1.10 | 7 | 5 | 2 | | 4 | 5 | 11 | 12 | 9 | 13 | 14 | 9 | 91 |
| 1.00 | 9 | 10 | 5 | 3 | 8 | 5 | 15 | 16 | 9 | 17 | 20 | 13 | 130 |
| 0.90 | 15 | 10 | 9 | 8 | 11 | 5 | 17 | 18 | 11 | 25 | 30 | 19 | 178 |
| 0.80 | 23 | 17 | 13 | 10 | 17 | 10 | 23 | 26 | 17 | 37 | 40 | 28 | 261 |
| 0.70 | 31 | 25 | 17 | 19 | 26 | 14 | 38 | 35 | 23 | 52 | 55 | 47 | 382 |
| 0.60 | 59 | 40 | 26 | 31 | 35 | 27 | 47 | 55 | 34 | 69 | 78 | 61 | 562 |
| 0.50 | 90 | 56 | 45 | 44 | 43 | 34 | 58 | 67 | 49 | 87 | 102 | 80 | 755 |
| 0.40 | 130 | 80 | 65 | 61 | 60 | 49 | 78 | 80 | 69 | 124 | 138 | 121 | 1055 |
| 0.30 | 184 | 119 | 93 | 98 | 99 | 82 | 107 | 103 | 110 | 164 | 188 | 174 | 1526 |
| 0.20 | 268 | 178 | 148 | 157 | 151 | 123 | 178 | 175 | 164 | 215 | 242 | 264 | 2263 |
| 0.10 | 391 | 270 | 250 | 270 | 232 | 193 | 278 | 272 | 275 | 305 | 352 | 357 | 3445 |
| IV 0.005 | 654 | 479 | 481 | 471 | 430 | 379 | 451 | 460 | 469 | 538 | 577 | 604 | 5993 |
| * IV 0.004 | 431 | 510 | 604 | 579 | 655 | 671 | 634 | 625 | 581 | 547 | 473 | 481 | 6791 |
| Total No. of days | 1085 | 989 | 1085 | 1050 | 1085 | 1050 | 1085 | 1085 | 1050 | 1085 | 1050 | 1085 | 12784 |

* Including rainless days.



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TABLE VI. Maximum and Minimum Monthly and Annual Totals of Rainfall (in inches) 1916–50, with supplementary list covering extremes for the 50-year period, 1911–60.

| | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| East Malling | | | | | | | | | | | | | 1929 | |
| 1916–50 | Max | 1937 | 1916 | 1947 | 1926 | 1942 | 1948 | 1918 | 1946 | 1918 | 1949 | 1940 | 1934 | 1927 |
| | | 5.22 | 4.32 | 4.97 | 4.77 | 4.03 | 4.42 | 5.01 | 5.03 | 4.85 | 7.50 | 7.52 | 5.07 | 37.33 |
| | Min | 1949 | 1934 | 1929 | 1938 | 1919 | 1921 | 1921 | 1947 | 1941 | 1947 | 1948 | 1931 | 1921 |
| | | 0.90 | 0.32 | 0.01 | 0.41 | 0.18 | 0.14 | 0.52 | 0.01 | 0.26 | 0.39 | 0.68 | 0.40 | 15.67 |
| Other Extremes 1911–60 | Max | – | 1951 | 1914 | – | – | – | – | – | – | – | – | 1915 | – |
| | | – | 5.90 | 5.61 | – | – | – | – | – | – | – | – | 6.53 | – |
| | Min | 1914 | 1959 | – | 1912 | – | – | – | – | 1959 | – | – | – | – |
| | | 0.57 | 0.09 | – | 0.09 | – | – | – | – | 0.11 | – | – | – | – |
| Ashford | | | | | | | | | | | | | | |
| 1916–50 | Max | 1939 | 1950 | 1947 | 1926 | 1930 | 1936 | 1927 | 1917 | 1918 | 1939 | 1940 | 1934 | 1927 |
| | | 6.45 | 5.29 | 5.50 | 4.21 | 4.19 | 4.15 | 5.50 | 8.28 | 7.17 | 9.39 | 7.61 | 6.90 | 39.98 |
| | Min | 1916 | 1934 | 1929 | 1938 | 1936 | 1921 | 1921 | 1947 | 1941 | 1947 | 1945 | 1932 | 1921 |
| | | 1.17 | 0.23 | 0.13 | 0.45 | 0.32 | 0.17 | 0.41 | 0.09 | 0.38 | 0.30 | 0.95 | 0.49 | 13.71 |
| Other Extremes 1911–60 | Max | – | 1951 | – | – | 1955 | – | – | – | – | – | – | 1915 | 1951 |
| | | – | 6.43 | – | – | 4.46 | – | – | – | – | – | – | 7.30 | 40.66 |
| | Min | 1914 | 1959 | – | 1912 | – | – | 1911 | – | 1959 | – | – | – | – |
| | | 0.96 | 0.08 | – | 0.13 | – | – | 0.19 | – | 0.18 | – | – | – | – |
| Hastings | | | | | | | | | | | | | | |
| 1916–50 | Max | 1939 | 1937 | 1947 | 1931 | 1924 | 1927 | 1936 | 1917 | 1918 | 1928 | 1940 | 1929 | 1937 |
| | | 5.39 | 6.10 | 6.46 | 3.55 | 4.28 | 3.63 | 4.62 | 6.09 | 6.42 | 9.26 | 8.07 | 8.03 | 38.66 |
| | Min | 1950 | 1934 | 1944 | 1938 | 1936 | 1921 | 1921 | 1940 | 1941 | 1947 | 1945 | 1932 | 1921 |
| | | 1.08 | 0.22 | 0.03 | 0.73 | 0.12 | 0.05 | 0.23 | 0.00 | 0.15 | 0.19 | 0.53 | 0.33 | 12.56 |
| Other Extremes 1911–60 | Max | – | – | – | – | – | 1958 | – | – | – | – | – | – | 1960 |
| | | – | – | – | – | – | 3.97 | – | – | – | – | – | – | 42.17 |
| | Min | 1914 | 1959 | – | 1912 | – | – | – | – | – | – | – | – | – |
| | | 0.92 | 0.06 | – | 0.05 | – | – | – | – | – | – | – | – | – |

TABLE VI. Maximum and Minimum Monthly and Annual Totals of Rainfall (in inches) 1916-50, with supplementary list covering extremes for the 50-year period, 1911-60.

| | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Edenbridge | Max | 1937 | 1950 | 1947 | 1931 | 1924 | 1926 | 1918 | 1917 | 1918 | 1939 | 1929 | 1929 | 1927 |
| | | 6.94 | 5.92 | 6.06 | 4.11 | 3.88 | 4.12 | 6.09 | 7.53 | 5.72 | 7.90 | 9.03 | 7.96 | 43.12 |
| 1916-50 | Min | 1935 | 1934 | 1944 | 1938 | 1919 | 1925<br>1942 | 1949 | 1947 | 1929 | 1950 | 1945 | 1933 | 1921 |
| | | 1.16 | 0.12 | 0.03 | 0.36 | 0.29 | 0.15 | 0.39 | 0.12 | 0.39 | 0.18 | 0.27 | 0.62 | 18.27 |
| Other Extremes 1911-60 | Max | - | 1951 | - | - | 1955 | - | - | - | - | - | - | 1914 | 1951 |
| | | - | 7.20 | - | - | 5.26 | - | - | - | - | - | - | 8.24 | 44.62 |
| | Min | 1914 | 1959 | - | 1912<br>1957 | - | - | - | - | 1959 | - | - | - | - |
| | | 0.85 | 0.06 | - | 0.20 | - | - | - | - | 0.11 | - | - | - | - |
| Brighton | Max | 1943 | 1937 | 1937 | 1925 | 1924 | 1927 | 1920 | 1946 | 1927 | 1949 | 1929 | 1934 | 1927 |
| | | 6.72 | 5.29 | 7.37 | 4.00 | 3.44 | 4.44 | 4.98 | 6.91 | 6.36 | 8.57 | 8.79 | 8.33 | 41.71 |
| 1916-50 | Min | 1935 | 1934 | 1929 | 1938 | 1919 | 1921 | 1949 | 1940 | 1941 | 1931 | 1945 | 1926 | 1921 |
| | | 0.89 | 0.06 | 0.07 | 0.38 | 0.33 | 0.03 | 0.18 | 0.12 | 0.35 | 0.37 | 0.21 | 0.45 | 15.69 |
| Other Extremes 1911-60 | Max | - | 1951 | - | - | 1915 | - | - | 1912 | - | - | - | 1915 | 1960 |
| | | - | 5.84 | - | - | 4.22 | - | - | 7.73 | - | - | - | 7.02 | 48.34 |
| | Min | 1914 | 1959 | - | 1912 | - | - | 1955 | - | 1959 | - | - | - | - |
| | | 0.77 | 0.05 | - | 0.04 | - | - | 0.06 | - | 0.13 | - | - | - | - |
| Compton House | Max | 1919 | 1950 | 1947 | 1922 | 1925 | 1946 | 1920 | 1946 | 1927 | 1949 | 1940 | 1934 | 1927 |
| | | 7.61 | 6.69 | 8.20 | 4.59 | 5.35 | 5.13 | 6.50 | 7.30 | 7.18 | 9.67 | 9.83 | 11.72 | 48.86 |
| 1911-50 | Min | 1935 | 1934 | 1929 | 1938 | 1936 | 1925 | 1949 | 1940 | 1941 | 1919 | 1945 | 1926 | 1921 |
| | | 0.97 | 0.05 | 0.15 | 0.07 | 0.40 | 0.02 | 0.31 | 0.02 | 0.32 | 0.58 | 0.45 | 0.34 | 20.38 |
| Other Extremes 1911-60 | Max | - | - | - | - | - | - | - | 1912 | - | - | 1951 | - | 1960 |
| | | - | - | - | - | - | - | - | 8.53 | - | - | 10.15 | - | 50.89 |
| | Min. | 1914 | - | - | 1912 | 1959 | - | - | - | 1959 | - | - | - | - |
| | | 0.68 | - | - | 0.06 | 0.34 | - | - | - | 0.15 | - | - | - | - |

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TABLE VII. Maximum Daily Rainfall (in inches) 1916-1950, with addition maxima for the 50-year period, 1911-1960.

| | | | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| East Malling | 1916-50 | Max. | 1918<br>1.20 | 1927<br>1.32 | 1916<br>0.90 | 1950<br>1.36 | 1917<br>1.12 | 1948<br>1.67 | 1947<br>1.52 | 1944<br>1.85 | 1938<br>1.75 | 1939<br>1.53 | 1931<br>1.64 | 1941<br>1.10 |
| | 1911-60 | Max. | -<br>- | 1951<br>1.01 | 1914<br>1.06 | -<br>- | 1915<br>1.33 | -<br>- | 1955<br>1.68 | -<br>- | -<br>- | 1955<br>2.23 | -<br>- | 1914<br>1.20 |
| Ashford | 1916-50 | Max. | 1939<br>1.72 | 1927<br>1.40 | 1947<br>1.01 | 1950<br>1.27 | 1946<br>1.19 | 1935<br>1.00 | 1917<br>1.90 | 1917<br>1.85 | 1918<br>1.50 | 1949<br>2.10 | 1934<br>1.90 | 1917<br>1.70 |
| | 1911-60 | Max. | -<br>- | -<br>- | 1951<br>1.10 | -<br>- | 1915<br>1.41 | 1958<br>1.62 | -<br>- | -<br>- | 1912<br>2.14 | 1955<br>2.94 | -<br>- | -<br>- |
| Hastings | 1916-50 | Max. | 1943<br>1.63 | 1937<br>1.29 | 1947<br>0.95 | 1950<br>0.96 | 1924<br>1.18 | 1926<br>1.13 | 1947<br>2.19 | 1917<br>1.77 | 1927<br>1.17 | 1949<br>2.39 | 1934<br>2.06 | 1925<br>1.28 |
| | 1911-60 | Max. | -<br>- | -<br>- | -<br>- | -<br>- | 1955<br>1.32 | 1958<br>1.58 | -<br>- | 1952<br>1.80 | 1912<br>2.20 | -<br>- | -<br>- | -<br>- |
| Edenbridge | 1916-50 | Max. | 1918<br>1.40 | 1923<br>1.45 | 1933<br>1.05 | 1950<br>1.40 | 1929<br>1.40 | 1936*<br>2.22 | 1923<br>1.94 | 1938<br>2.26 | 1933<br>1.30 | 1949<br>1.75 | 1931<br>1.80 | 1943<br>1.20 |
| | 1911-60 | Max. | -<br>- | -<br>- | 1914<br>1.16 | -<br>- | 1915<br>1.70 | 1958<br>1.66 | -<br>- | -<br>- | 1958<br>2.48 | 1955<br>2.22 | -<br>- | 1914<br>1.25 |
| Brighton | 1916-50 | Max. | 1943<br>2.15 | 1929<br>1.54 | 1947<br>1.12 | 1923<br>1.44 | 1939<br>1.57 | 1917<br>1.79 | 1945<br>2.08 | 1946<br>2.78 | 1927<br>2.11 | 1949<br>1.83 | 1934<br>1.72 | 1923<br>1.40 |
| | 1911-60 | Max. | -<br>- | -<br>- | -<br>- | -<br>- | 1915<br>2.14 | -<br>- | -<br>- | -<br>- | 1955<br>2.23 | -<br>- | -<br>- | 1960<br>1.56 |
| Compton House | 1916-50 | Max. | 1925<br>1.90 | 1925<br>1.34 | 1919<br>1.68 | 1925<br>1.07 | 1929<br>1.87 | 1917<br>2.65 | 1945<br>2.20 | 1925<br>1.85 | 1927<br>2.94 | 1928<br>2.15 | 1946<br>2.01 | 1944<br>1.62 |
| | 1911-60 | Max. | -<br>- | 1957<br>1.55 | -<br>- | -<br>- | -<br>- | -<br>- | -<br>- | 1951<br>2.33 | -<br>- | -<br>- | -<br>- | 1914<br>2.59 |

* Taken from Speldhurst Rectory.

Appendix I

Intense falls of Rain in 2 hours or less, 1860-1960
Extracted from British Rainfall

(Arranged chronologically, in county order).

Key at end.

| Year | Class | Station | Riv. Div. | Date | Amt. in. | D'r'n min. | Rate in/hr |
|---|---|---|---|---|---|---|---|
| Kent. | | | | | | | |
| 1872 | N | Dartford, The Downs | 5 | July 13 | 1.00 | 25 | 2.40 |
| " | N | Sandwich, Walton House | 2 | June 20 | 1.00 | 30 | 2.00 |
| 1874 | N | Cranbrook, Hartley | 4 | July 11 | .90 | 35 | 1.54 |
| " | R | Sevenoaks, Riverhead Vic. | 5 | " 11 | 1.82 | 60 | 1.82 |
| " | R | " , Riverhill | 4 | " 11 | 1.50 | 60 | 1.50 |
| " | N | " , Riverhead Vic. | 5 | June 6 | 1.50 | 90 | 1.00 |
| " | VR | Tonbridge | 4 | July 11 | 3.00 | 120 | 1.50 |
| 1875 | N | Hythe | 1 | Aug. 12 | .56 | 10 | 3.36 |
| " | VR | Harbledown | 2 | " 7 | 2.12 | 20 | 6.36 |
| " | N | Bromley | 5 | " 7 | 1.25 | 60 | 1.25 |
| 1883 | VR | Ashford, Westwell | 2 | June 4 | 2.65 | 90 | 1.77 |
| 1884 | N | Reculver | 2 | July 27 | .70 | 15 | 2.80 |
| 1887 | N | Canterbury, Harbledown | 2 | " 17 | 1.11 | 65 | 1.02 |
| 1888 | N | Hythe | 1 | Nov. 26 | .86 | 30 | 1.72 |
| " | N | Lower Walmer | 2 | Sep. 11 | 1.08 | 45 | 1.44 |
| " | R | Sevenoaks, Purleigh | 5 | June 26 | 2.00 | 60 | 2.00 |
| 1889 | VR | Tonbridge, Ferndale | 4 | " 7 | 2.60 | 60 | 2.60 |
| 1892 | N | Maidstone, Mount House | 4 | Sep. 21 | .61 | 7 | 5.23 |
| " | R | Sevenoaks, Kemsing | 5 | June 28 | 2.12 | 60 | 2.12 |
| " | R | " , Purleigh | 5 | " 28 | 2.33 | 120 | 1.17 |
| 1897 | N | Bickley, Elmhurst | 5 | " 6 | 1.00 | 20 | 3.00 |
| " | R | Sidcup, Hatherley Rd. | 5 | " 6 | 1.23 | 30 | 2.46 |
| " | N | Bromley, Widmore Rd. | 5 | " 6 | 1.10 | 30 | 2.20 |
| " | R | Chislehurst, Foxbury | 5 | " 6 | 1.53 | 45 | 2.04 |
| 1899 | N | Sevenoaks, Chevening Gardens | 5 | Sep. 6 | .96 | 20 | 2.88 |
| " | N | Maidstone, Tovil | 4 | July 6 | 1.07 | 45 | 1.43 |
| " | N | Sevenoaks, River Head Vic. | 5 | " 23 | 1.48 | 70 | 1.27 |
| " | R | Deal and Walmer W.W. | 2 | June 29 | 1.98 | 120 | .99 |
| 1900 | N | Horsmonden, | 4 | July 3 | 1.03 | 28 | 2.21 |
| 1902 | R | Maidstone, Mount Ho. | 4 | Sep. 10 | 1.47 | 50 | 1.76 |
| " | N | " , Allington | 4 | " 10 | 1.05 | 60 | 1.05 |
| " | R | " , Langley, Rumwood | 4 | Aug. 17 | 1.90 | 75 | 1.52 |
| 1903 | N | Ulcombe Place | 4 | Sep. 4 | 1.00 | 45 | 1.33 |
| " | R | Tonbridge, Primrose Hill | 4 | July 19 | 2.50 | 120 | 1.25 |
| 1904 | VR | Cooling, Broomy Farm | 5 | " 27 | 2.66 | 45 | 3.55 |
| 1905 | N | Ightham, Belmont Lodge | 4 | " 27 | .72 | 20 | 2.16 |
| " | R | Sevenoaks, The Rectory | 5 | " 27 | 1.66 | 40 | 2.40 |
| 1906 | N | Erith, Crossness | 5 | " 27 | 1.00 | 30 | 2.00 |
| 1907 | N | Sevenoaks, Seal | 5 | June 1 | 1.03 | 60 | 1.03 |
| 1908 | R | Canterbury, Medical Hall | 2 | Sep. 11 | 1.50 | 20 | 4.50 |
| 1909 | R | Tenterden, View Tower | 1 | July 4 | 1.25 | 30 | 2.50 |
| 1910 | N | Chatham, Luton W.W. | 4 | May 28 | .50 | 8 | 3.75 |
| 1911 | N | Hadlow Place | 4 | " 31 | 1.15 | 45 | 1.53 |
| 1913 | N | Herne Bay, Pumping Sta. | 3 | " 27 | .79 | 15 | 3.16 |
| " | N | Sheerness | 3 | " 27 | .68 | 20 | 2.04 |
| 1914 | R | Margate, Cliftonville | 2 | July 22 | 1.76 | 60 | 1.76 |
| " | R | Broadstairs, Providence Ho. | 2 | " 22 | 1.65 | 60 | 1.65 |
| " | R | Whitstable, Western Ho. | 3 | " 12 | 1.54 | 60 | 1.54 |
| " | R | Broadstairs, St. Peter's Ct. | 2 | " 22 | 1.48 | 60 | 1.48 |
| " | N | Ospringe, Lorenden | 3 | " 12 | 1.37 | 60 | 1.37 |
| " | R | Broadstairs, Providence Ho. | 2 | " 22 | 1.82 | 80 | 1.37 |
| 1915 | N | Dartford, West Hill Ho. | 5 | Aug. 3 | 1.00 | 20 | 3.00 |

| Year | Class | Station | Riv. Div. | Date | Amt. in. | D'r'n min. | Rate in/hr |
|---|---|---|---|---|---|---|---|
| Kent (continued) | | | | | | | |
| 1916 | N | Bromley, Lansdown Rd. | 5 | May 30 | 1.12 | 60 | 1.12 |
| 1918 | N | Bexley Heath, The Broadway | 5 | July 17 | 1.23 | 50 | 1.48 |
| " | N | Hildenborough, Hollanden Ho. | 4 | May 17 | 1.19 | 75 | .95 |
| 1922 | R | Tunbridge Wells | 4 | " 25 | 1.08 | 15 | 4.32 |
| 1927 | N | Langley, Rumwood Ct. | 4 | July 11 | 1.10 | 50 | 1.32 |
| 1928 | VR | Ashurst Park | 4 | Aug. 1 | 2.11 | 45 | 2.81 |
| 1930 | R | Sittingbourne, Torry Hill | 3 | " 30 | 2.28 | 90 | 1.52 |
| 1931 | N | Bromley | 5 | " 5 | 1.30 | 60 | 1.30 |
| 1933 | VR | Chatham, Woolman's Wood | 4 | July 21 | 2.11 | 30 | 4.22 |
| " | R | E.Malling, Research Sta. | 4 | " 21 | 1.35 | 35 | 2.31 |
| " | VR | Maidstone, Brenchley Gdns | 4 | " 21 | 2.25 | 45 | 3.00 |
| " | R | " , Mill St. | 4 | " 21 | 1.67 | 45 | 2.23 |
| " | R | Dartford, Sew. Wks | 5 | June 22 | 1.68 | 65 | 1.55 |
| 1934 | VR | West Wickham, Oak Lo. | 5 | July 22 | 3.75 | 80 | 2.82 |
| " | VR | " " , Woodland Way | 5 | " 22 | 4.55 | 100 | 2.73 |
| " | N | Bromley | 5 | " 22 | 1.20 | 35 | 2.05 |
| 1936 | N | Lenham | 4 | June 21 | 1.00 | 25 | 2.40 |
| " | N | Teynham, New Gdns | 3 | " 21 | .99 | 60 | .99 |
| 1937 | R | Edenbridge, Falconhurst | 4 | July 19 | 1.40 | 25 | 3.36 |
| " | R | " , Stonewall Pk | 4 | " 19 | 1.73 | 30 | 3.46 |
| " | N | Hildenborough, Old Sch. Cott. | 4 | Aug. 30 | 1.09 | 35 | 1.87 |
| " | R | Edenbridge, Gilridge | 4 | July 19 | 1.39 | 45 | 1.85 |
| " | N | Bromley, Sumbridge Ave. | 5 | Aug. 30 | 1.27 | 60 | 1.27 |
| " | R | Sevenoaks, Riverhill | 4 | Aug. 13 | 2.09 | 120 | 1.05 |
| " | R | Bromley | 5 | " 30 | 1.63 | 60 | 1.63 |
| 1938 | N | Edenbridge, Falcomhurst | 4 | " 11 | 1.21 | 45 | 1.61 |
| " | N | Sellinge, Council Sch. | 2 | June 11 | 1.40 | 60 | 1.40 |
| " | R | Edenbridge, Gilridge | 4 | Aug. 12 | 2.09 | 120 | 1.05 |
| " | N | Elham, Bladbean Fm. | 2 | June 1 | 1.20 | 120 | .60 |
| " | N | Manston Airfield | 2 | Aug. 8 | .98 | 60 | .98 |
| 1940 | R | West Wickham, Woodland Way | 5 | June 9 | 1.40 | 25 | 3.36 |
| 1941 | N | New Eltham | 5 | July 12 | .74 | 15 | 2.96 |
| *1942 | N | Brookland, Poplar Hall | 1 | Nov. 1 | 1.42 | 117 | .73 |
| 1946 | N | Whitstable, Greenlees | 3 | Oct. 2 | 1.02 | 60 | 1.02 |
| " | N | Lympne Airport | 2 | July 4 | .83 | 35 | 1.42 |
| 1947 | R | Higham, Forge Lane | 4 | " 19 | 1.47 | 15 | 5.88 |
| " | N | Sevenoaks, Underriver | 4 | June 27 | 1.16 | 60 | 1.16 |
| " | VR | Wittersham, Mt. Pleasant | 1 | July 17 | 3.60 | 120 | 1.80 |
| " | R | West Malling A/Fld | 4 | June 27 | .85 | 8 | 6.37 |
| " | N | Rye, R.A.F. Stn. | 1 | July 17 | 1.10 | 50 | 1.32 |
| 1948 | R | West Malling, A/Fld | 4 | June 14 | 2.04 | 120 | 1.02 |
| " | N | " " " | 4 | " 14 | .98 | 30 | 1.96 |
| " | N | " " " | 4 | " 14 | .91 | 30 | 1.82 |
| 1951 | R | Bromley, Henville Rd. | 5 | July 22 | 1.20 | 15 | 4.80 |
| " | N | Brookland, Poplar Hall | 1 | Aug. 22 | .86 | 23 | 2.24 |
| " | N | Ash, Corking Fm. | 2 | Sep. 12 | .98 | 60 | .98 |
| " | N | Manston A/Fld | 2 | Aug. 8 | .80 | 30 | 1.60 |
| " | R | Rye, R.A.F. Stn. | 1 | Sep. 1 | 1.83 | 60 | 1.83 |
| 1952 | N | Lympne Airport | 2 | Aug. 15 | .92 | 36 | 1.53 |
| 1953 | N | Wye, S. E. Agric. Coll. | 2 | July 14 | .59 | 10 | 3.54 |
| 1954 | N | Lympne Airport | 2 | Oct. 24 | 1.04 | 59 | 1.06 |
| 1955 | VR | Sittingbourne | 3 | Aug. 13 | 3.50 | 120 | 1.75 |
| " | N | Ramsgate, East Cliff | 2 | July 18 | 1.30 | 120 | .65 |
| 1956 | VR | Horton Kirby, Court Lo. | 5 | " 18 | 2.40 | 30 | 4.80 |
| " | VR | Throwley, Newlands Fm. | 3 | Aug. 6 | 2.30 | 45 | 3.07 |
| 1957 | R | Dover, Waterloo Crescent | 2 | July 3 | 1.57 | 60 | 1.57 |
| " | R | Deal and Walmer W. Wks | 2 | " 3 | 1.73 | 80 | 1.30 |
| " | N | Dover, Martin Mill P. S. | 2 | " 3 | 1.29 | 105 | .74 |
| * 1943 | N | New Eltham | 5 | July 31 | .88 | 40 | 1.32 |

| Year | Class | Station | Riv. Div. | Date | Amt. in. | D'r'n min. | Rate in/hr |
|---|---|---|---|---|---|---|---|
| Kent (continued) | | | | | | | |
| 1958 | N | Tunbridge Wells, Hurstwood La. | 4 | June 10 | 1.07 | 45 | 1.43 |
| " | R | Erith Crossness | 5 | Sep. 5 | 2.04 | 110 | 1.11 |
| " | VR | Edenbridge, P. Stn. | 4 | " 5 | 3.16 | 110 | 1.72 |
| " | VR | Seal, Kemsing P. Sta. | 3 | " 5 | 2.43 | 115 | 1.27 |
| " | R | Keston, Westerham Rd. | 5 | " 5 | 2.24 | 120 | 1.12 |
| " | VR | Sevenoaks, Crampton Road P.Sta. | 5 | " 5 | 3.78 | 120 | 1.89 |
| " | VR | " , Oak Lane | 5 | " 5 | 3.36 | 120 | 1.68 |
| " | R | Gillingham | 4 | " 5 | 1.12 | 25 | 2.69 |
| " | R | Dartford, Central Pk. | 5 | " 5 | 1.43 | 28 | 3.06 |
| " | N | Strood W. Wks | 4 | " 5 | .92 | 35 | 1.58 |
| " | VR | Bexley Heath, Danson Pk. | 5 | " 5 | 2.44 | 40 | 3.66 |
| " | VR | Dartford, Central Pk. | 5 | " 5 | 2.76 | 102 | 1.62 |
| " | N | Erith Sew. Wks | 5 | " 5 | 1.67 | 40 | 2.51 |
| " | N | Bromley | 5 | " 5 | 2.30 | 45 | 3.07 |
| " | N | Tonbridge Wells, Hurstwood La. | 4 | June 10 | 1.07 | 45 | 1.43 |
| " | N | Penge, Recreation Ground | 5 | Sep. 5 | 1.55 | 50 | 1.86 |
| " | N | Hartlip, Matts Hill P.S. | 4 | " 5 | 1.11 | 60 | 1.11 |
| " | N | Horton Kirby, Court Lo. | 5 | " 5 | 3.50 | 90 | 2.33 |
| " | N | Ashford Gasworks | 2 | " 5 | 2.15 | 90 | 1.43 |
| " | N | Cobham, Geskyns Ct. | 5 | " 5 | 2.15 | 90 | 1.43 |
| " | N | Dartford, Christchurch Rd. | 5 | " 5 | 2.94 | 95 | 1.86 |
| " | N | Meopham P. Sta. | 5 | " 5 | 3.43 | 105 | 1.96 |
| " | N | Wilmington, Orchard Way | 5 | " 5 | 2.74 | 105 | 1.56 |
| " | N | Chatham, Luton W. Wks | 4 | " 5 | 1.22 | 120 | .61 |
| " | R | Cooling | 5 | July 16 | 2.18 | 79 | 1.66 |
| " | VR | Knockholt, Kent W. Wks | 5 | Sep. 5 | 5.14 | 120 | 2.57 |
| " | VR | Sidcup | 5 | " 5 | 2.50 | 20 | 7.50 |
| " | N | Mark Beech, Horseshoe Green | 4 | " 5 | 1.80 | 125 | .86 |
| 1959 | R | Ash, Corking Fm. | 2 | June 26 | 1.88 | 60 | 1.88 |
| " | R | Erith, Sew. Wks | 5 | Aug. 21 | 1.75 | 75 | 1.40 |
| Hampshire | | | | | | | |
| 1905 | N | East Liss, Newlands | 6 | July 27 | .94 | 20 | 2.82 |
| 1920 | N | Liss, Kippences | 6 | " 4 | 1.50 | 90 | 1.00 |
| 1931 | R | Petersfield, Stoner Hill | 6 | Aug. 6 | 2.15 | 55 | 2.35 |
| Surrey | | | | | | | |
| 1917 | N | Felbridge, Chartham Pk. | 2 | May 29 | 1.24 | 39 | 1.91 |
| 1920 | N | " " " | 2 | July 4 | 1.00 | 48 | 1.25 |
| 1926 | N | South Godstone, Hartsridge | 2 | Aug. 31 | 1.35 | 90 | .90 |
| " | R | Oxted, West Heath | 2 | " 31 | 2.20 | 100 | 1.32 |
| " | R | " , Stone Hall | 2 | " 31 | 2.14 | 105 | 1.22 |
| " | N | Dormans Park, Chartham Park | 2 | " 31 | 1.66 | 108 | .92 |
| " | N | Lingfield, Felcourt | 2 | " 31 | 1.68 | 120 | .84 |
| " | N | Tatsfield | 2 | Sep. 1 | 1.62 | 120 | .81 |
| 1937 | R | Lingfield Ho. | 2 | July 18 | 1.03 | 12½ | 4.94 |
| 1941 | N | Dormansland, The Vicarage | 2 | June 7 | .95 | 33 | 1.73 |
| 1946 | N | Lingfield, Sew. Wks | 2 | July 26 | .67 | 10 | 4.02 |
| " | R | Godalming, Burgate | 1 | Aug. 9 | 1.13 | 17 | 3.99 |
| " | N | Haslemere, Church Hill | 1 | July 26 | .95 | 25 | 2.28 |
| 1956 | N | Lingfield, Sew. Wks | 2 | " 19 | .86 | 24 | 2.15 |
| 1958 | R | " " " " | 2 | " 16 | 1.10 | 22 | 3.00 |
| " | R | Godstone, Pumping Sta. | 2 | Sep. 5 | 1.42 | 30 | 2.84 |
| " | N | Lingfield, Sew. Wks | 2 | " 5 | .83 | 17 | 2.93 |
| " | N | Limpsfield and Oxted S. Wks | 2 | " 5 | 1.65 | 110 | .90 |
| 1960 | N | Lingfield Sew. Wks | 2 | " 14 | 1.72 | 120 | .86 |
| " | N | Limpsfield and Oxted S. Wks | 2 | " 14 | 1.50 | 120 | .75 |

| Year | Class | Station | Riv. Div. | Date | Amt. in | D'r'n min. | Rate in/hr |
|---|---|---|---|---|---|---|---|
| Sussex | | | | | | | |
| 1867 | N | West Hoathly, Pearcelands | 4 | June 3 | 1.50 | 120 | .75 |
| " | N | Lewes, Glynde | 4 | Sep. 9 | 1.19 | 120 | .59 |
| 1871 | N | Uckfield Ob's'y | 4 | " 24 | .55 | 5 | 6.60 |
| " | N | Brighton | 3 | June 14 | 1.20 | 45 | 1.60 |
| 1872 | N | Framfield, The Grange | 3 | July 2 | .77 | 30 | 1.54 |
| 1879 | R | Cowfold, Woldringfold | 3 | June 13 | 1.72 | 55 | 1.88 |
| 1881 | N | Brighton, Blatchington Rd. | 3 | July 5 | .46 | 5 | 5.52 |
| 1885 | N | Mayfield Vicarage | 6 | " 5 | 1.34 | 60 | 1.34 |
| " | N | Hailsham | 5 | " 5 | 1.00 | 60 | 1.00 |
| 1886 | N | Lewes, Ilford | 4 | Aug. 9 | .87 | 40 | 1.31 |
| " | N | Maresfield, Forest Lo. | 4 | Oct. 8 | 1.01 | 60 | 1.01 |
| 1888 | N | " " " | 4 | June 26 | 1.19 | 75 | .95 |
| 1889 | N | Compton | 1 | May 6 | .70 | 12½ | 3.36 |
| " | N | " | 1 | " 6 | 1.55 | 60 | 1.55 |
| 1891 | R | Lewes, Ilford | 4 | July 26 | 2.53 | 110 | 1.38 |
| " | N | " , Bedford Lo. | 4 | " 26 | 1.69 | 120 | .85 |
| " | N | Worthing, Heene | 3 | " 27 | 1.20 | 120 | .60 |
| 1893 | N | Eastbourne, Geldridge Rd. | 5 | " 16 | 1.26 | 60 | 1.26 |
| 1896 | N | Hailsham | 5 | " 15 | .97 | 60 | .97 |
| 1897 | N | Hastings, Guestling Rec. | 6 | June 26 | .74 | 15 | 2.96 |
| " | N | " , Hollington | 5 | Aug. 25 | .80 | 30 | 1.60 |
| " | R | " " | 5 | " 25 | 1.89 | 120 | .95 |
| 1899 | N | Midhurst, Borden Wood | 2 | Sep. 7 | 1.25 | 60 | 1.25 |
| " | R | Petworth Park | 2 | " 7 | 2.56 | 100 | 1.54 |
| 1901 | VR | Wadhurst, Lower Cousley Wood | 7 | July 29 | 3.25 | 55 | 3.55 |
| " | N | Clayton Rec. | 3 | " 28 | 1.37 | 60 | 1.37 |
| 1902 | N | Chichester, Chilgrove | 1 | Aug. 14 | 1.30 | 60 | 1.30 |
| 1903 | N | Lynchmere, Shottermill | 2 | July 19 | 1.20 | 35 | 2.06 |
| 1906 | R | Burwash | 6 | May 9 | 2.18 | 90 | 1.45 |
| 1908 | N | Hastings, Hollington | 5 | Sep. 24 | .87 | 30 | 1.74 |
| 1909 | R | Bodiam, S. Park | 6 | July 4 | 1.57 | 30 | 3.14 |
| 1910 | R | Wych Cross Place | 7 | June 9 | 1.48 | 45 | 1.97 |
| 1912 | N | Southwater | 3 | Aug. 7 | .75 | 8 | 5.63 |
| 1913 | N | Ardingly, Lywood Ho. | 4 | July 10 | .54 | 8 | 4.05 |
| " | R | Hurst Green, Boarzell | 6 | " 15 | 2.00 | 60 | 2.00 |
| " | R | Ticehurst, Myskyns | 6 | " 15 | 2.00 | 60 | 2.00 |
| 1915 | N | Hailsham Vic. | 5 | Sep. 1 | 1.13 | 75 | .90 |
| 1918 | N | Hadlow Down | 4 | July 17 | .98 | 20 | 2.94 |
| " | N | East Grinstead | 7 | Sep. 5 | .79 | 20 | 2.37 |
| " | R | Hadlow Down | 4 | July 17 | 1.35 | 30 | 2.70 |
| 1921 | N | Crowborough, Uckfield Lo. | 7 | Aug 12 | 1.32 | 105 | .75 |
| 1924 | R | Winchelsea, Road End | 6 | May 31 | 1.58 | 50 | 1.90 |
| " | N | Peasmarsh, Woodside | 6 | " 31 | 1.32 | 75 | 1.06 |
| 1926 | R | East Grinstead, Brockhurst Obsy. | 7 | Aug. 31 | 1.80 | 90 | 1.20 |
| " | N | Haywards Heath, Paddockhall Rd. | 4 | " 31 | 1.45 | 90 | .97 |
| " | N | Brighton, Dyke Road | 3 | " 31 | 1.34 | 120 | .67 |
| " | N | Eastbourne, Motcombe Gdns | 5 | " 16 | .76 | 20 | 2.28 |
| " | N | Hellingly, Buslow | 5 | " 16 | 1.21 | 50 | 1.45 |
| 1929 | R | N. Mundham Vic. | 5 | Sep. 15 | 1.86 | 75 | 1.49 |
| 1931 | N | Easbourne, W. Lodge | 5 | Aug. 13 | .67 | 15 | 2.68 |
| " | N | Hastings, Clive Ave | 5 | " 6 | .90 | 37 | 1.46 |
| " | N | Heathfield, White Cottage | 5 | " 5 | .93 | 40 | 1.39 |
| " | N | " , Barklye | 6 | " 5 | 1.17 | 45 | 1.56 |
| " | N | Eastbourne, Wilmington Square | 5 | " 14 | .74 | 19 | 2.34 |
| 1932 | N | Kirdford, Hills Green | 2 | July 26 | 1.38 | 55 | 1.51 |
| 1934 | N | Balcombe, The Gables | 4 | " 22 | 1.11 | 45 | 1.48 |
| " | N | Bexhill, Egerton Park | 5 | June 25 | 1.42 | 75 | 1.14 |
| 1936 | N | Haywards Heath, Lewes Rd. | 4 | Sep. 5 | .61 | 9 | 4.07 |
| " | N | Rotherfield, Horsegrove Fm. | 7 | May 17 | 1.08 | 25 | 2.59 |

| Year | Class | Station | Riv. Div. | Date | Amt. in. | D'r'n min. | Rate in/hr. |
|---|---|---|---|---|---|---|---|
| Sussex (continued) | | | | | | | |
| 1936 | R | West Hoathly, Stonelands | 4 | May 17 | 1.83 | 34 | 3.23 |
| " | N | " " " | 4 | June 29 | .92 | 38 | 1.45 |
| " | R | Forest Row, Charlwood Fm. | 7 | May 17 | 2.10 | 60 | 2.10 |
| " | N | Horam, Coxlow | 5 | June 19 | 1.25 | 60 | 1.25 |
| 1937 | N | Horsham, Wimblehurst | 2 | Aug. 30 | .93 | 30 | 1.86 |
| 1938 | VR | Chichester, Apulduram | 1 | " 7 | 2.50 | 45 | 3.33 |
| 1941 | N | Patcham, Vale Ave | 3 | July 13 | .63 | 10 | 3.78 |
| " | N | Hurstpierpoint, Brundall | 3 | " 12 | .62 | 14 | 2.66 |
| 1942 | N | Midhurst, June Lane | 2 | Aug. 3 | .80 | 20 | 2.40 |
| " | N | Compton, Compton Ho. | 1 | " 3 | .87 | 24 | 2.17 |
| " | N | West Dean Park | 1 | " 29 | 1.32 | 60 | 1.32 |
| " | N | Midhurst, Fair View | 2 | " 29 | 1.00 | 60 | 1.00 |
| 1946 | N | Lindfield, The Common | 4 | Sep. 1 | .80 | 15 | 3.20 |
| " | N | Crowley Down, Grange Hill | 7 | July 26 | .78 | 15 | 3.12 |
| 1947 | N | Hurstpierpoint, Brundall | 3 | " 10 | .56 | 10 | 3.26 |
| " | N | Horsham, Springfield Pk. | 2 | June 27 | .99 | 20 | 2.97 |
| " | N | Hurstpierpoint, Brundall | 3 | " 27 | .85 | 20 | 2.55 |
| " | N | Hassocks, The Croft. | 3 | July 9 | 1.01 | 30 | 2.02 |
| " | N | Horsham, Windyridge | 2 | June 27 | 1.00 | 30 | 2.00 |
| " | N | Forest Row, Park Rd. | 7 | Dec. 5 | 1.00 | 30 | 2.00 |
| " | N | Crowley Down, Grange Hill | 7 | June 27 | .84 | 30 | 1.68 |
| " | N | Worth Priory | 4 | " 27 | .93 | 45 | 1.24 |
| " | N | Hove | 3 | Sep. 18 | 1.08 | 75 | .86 |
| 1948 | N | Lewes Sew. Wks | 4 | Aug. 7 | 1.08 | 55 | 1.18 |
| 1951 | R | Heathfield, Cross-in-Hand | 5 | June 12 | 1.15 | 20 | 3.45 |
| " | N | Byworth, Edgehill | 2 | " 22 | .97 | 60 | .97 |
| 1953 | N | Chichester, Apuldram | 1 | " 30 | .90 | 45 | 1.20 |
| 1954 | N | Hastings, White Rock | 5 | Oct. 24 | 1.34 | 90 | .89 |
| 1955 | N | Heathfield, Cross-in-Hand | 5 | July 14 | .69 | 15 | 2.76 |
| " | N | Hurstpierpoint, Brundall | 3 | " 18 | 1.17 | 55 | 1.28 |
| " | R | Chidham, Chidmere | 1 | Aug. 14 | 2.29 | 90 | 1.53 |
| " | N | Tangmere Airfield | 1 | July 13 | 1.29 | 68 | 1.14 |
| 1956 | VR | Arundel Castle | 2 | Aug. 6 | 1.78 | 18 | 5.93 |
| " | N | Hurstpierpoint, Brundall | 3 | " 6 | 1.16 | 54 | 1.29 |
| " | N | Haywards Heath, Paddock Rd | 4 | July 19 | 1.87 | 90 | 1.25 |
| 1957 | N | Eastbourne, Wilmington Sq. | 5 | " 3 | 1.95 | 40 | 2.93 |
| " | N | Bexhill, Egerton Pk. | 5 | " 3 | 1.06 | 30 | 2.12 |
| " | R | Hastings, White Rock | 5 | " 3 | 1.82 | 120 | .91 |
| " | N | Selsey, Oakash | 1 | " 19 | .82 | 25 | 1.97 |
| 1958 | N | Brighton W. Wks, Shoreham | 3 | Aug. 22 | 1.35 | 120 | .67 |
| " | N | Chichester, West St. | 1 | Sep. 5 | .75 | 20 | 2.25 |
| " | N | Byeworth, Edgehill | 2 | " 5 | 1.09 | 25 | 2.62 |
| " | R | Chichester, Apuldram | 1 | " 5 | 1.68 | 30 | 3.36 |
| " | VR | Kirdford, Hills Green | 2 | " 5 | 2.00 | 30 | 4.00 |
| " | R | Bosham, Cobnor | 1 | " 5 | 1.68 | 60 | 1.68 |
| " | N | Rudgewick, Swaynes | 2 | " 5 | 1.10 | 60 | 1.10 |
| " | VR | Horsted Keynes, Cinder Hill | 4 | " 5 | 2.33 | 60 | 2.33 |
| " | R | West Dean Park | 1 | " 5 | 2.36 | 75 | 1.89 |
| " | R | Chidham, Chidmere | 1 | " 5 | 1.63 | 75 | 1.30 |
| " | N | Chichester, Funtington P. Stn | 1 | " 5 | 1.57 | 90 | 1.05 |
| " | R | Forest Row, Rystcot | 7 | " 5 | 1.99 | 105 | 1.14 |
| " | N | East Grinstead, Standen | 7 | " 5 | 2.14 | 120 | 1.07 |
| " | VR | Weir Wood Res. | 7 | " 5 | 2.50 | 60 | 2.50 |
| " | R | Upper Beeding, Sele Gdns | 3 | " 15 | 1.25 | 30 | 2.50 |
| " | N | Worthing Ferring | 3 | Aug. 12 | 1.09 | 45 | 1.45 |
| " | N | Midhurst, June Lane | 2 | Sep. 5 | 1.72 | 56 | 1.84 |
| " | N | Chichester, Sew. Wks | 1 | " 5 | 2.20 | 90 | 1.47 |
| " | N | Bexhill, Egerton Pk. | 5 | " 14 | 1.20 | 45 | 1.60 |
| 1960 | N | Worthing, Ferring | 3 | Sep. 30 | 1.37 | 120 | .69 |
| " | N | Tangmere Airfield | 1 | Aug. 2 | .74 | 15 | 2.96 |
| " | R | Thorney Island A/fld | 1 | " 2 | 1.44 | 24 | 3.60 |

Key:- N = Noteworthy
R = Remarkable
VR = Very Rare.

River divisions within counties as in British Rainfall up to 1960.

Kent

1 Rother & C
2 Stour & C
3 Swale & C
4 Medway
5 Darent & C (including the Ravensbourne just outside the area.)

Hampshire

6 Arun

Surrey

1 Arun
2 Medway
3 Darent

Sussex

1 Lavant & C
2 Arun
3 Arun & C
4 Ouse
5 Cuckmere & C
6 Rother
7 Medway.



G.18638/CJH/8/63/100.

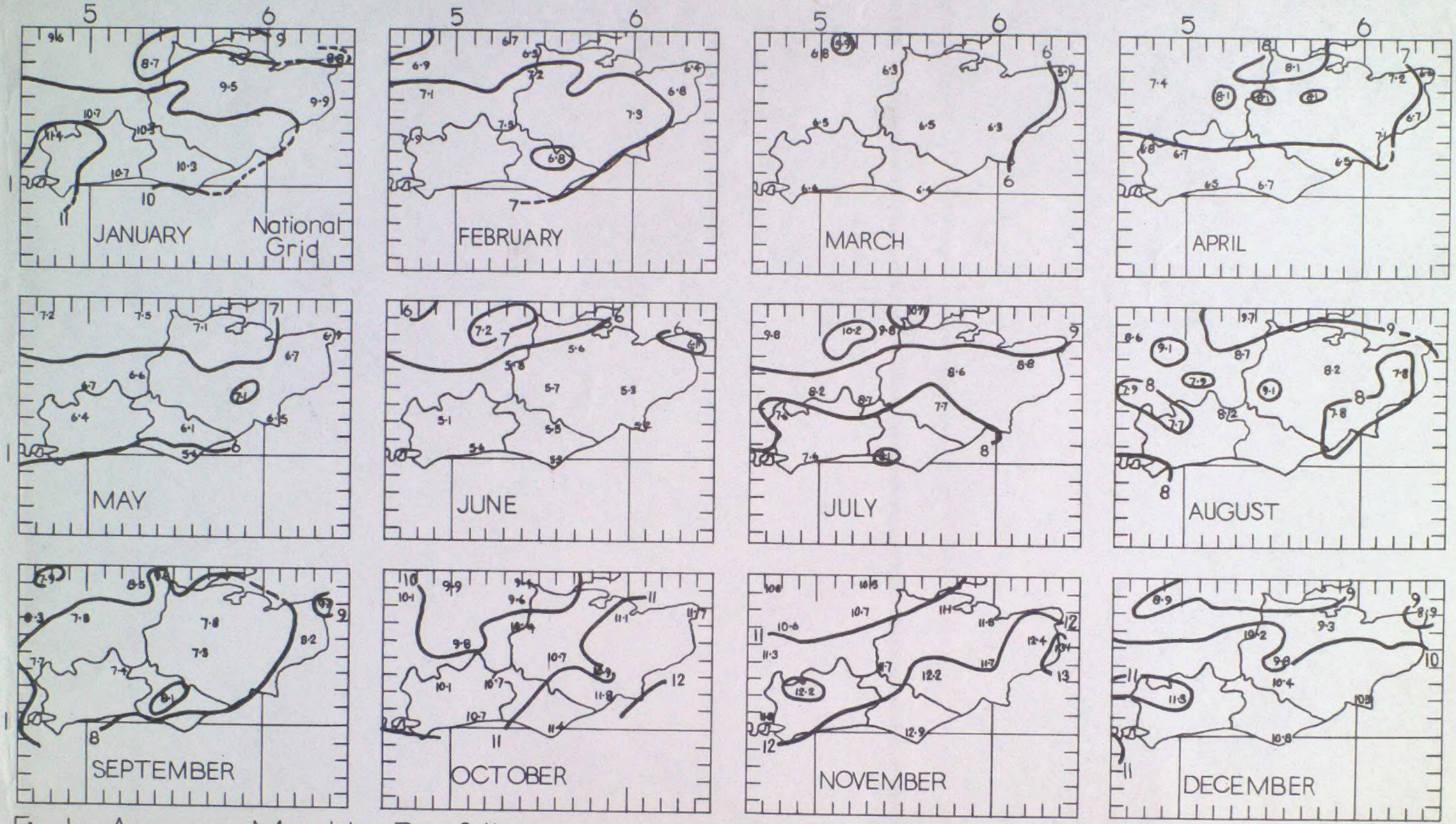


Fig. 1. Average Monthly Rainfall as a percentage of Average Annual Rainfall 1916-1950.

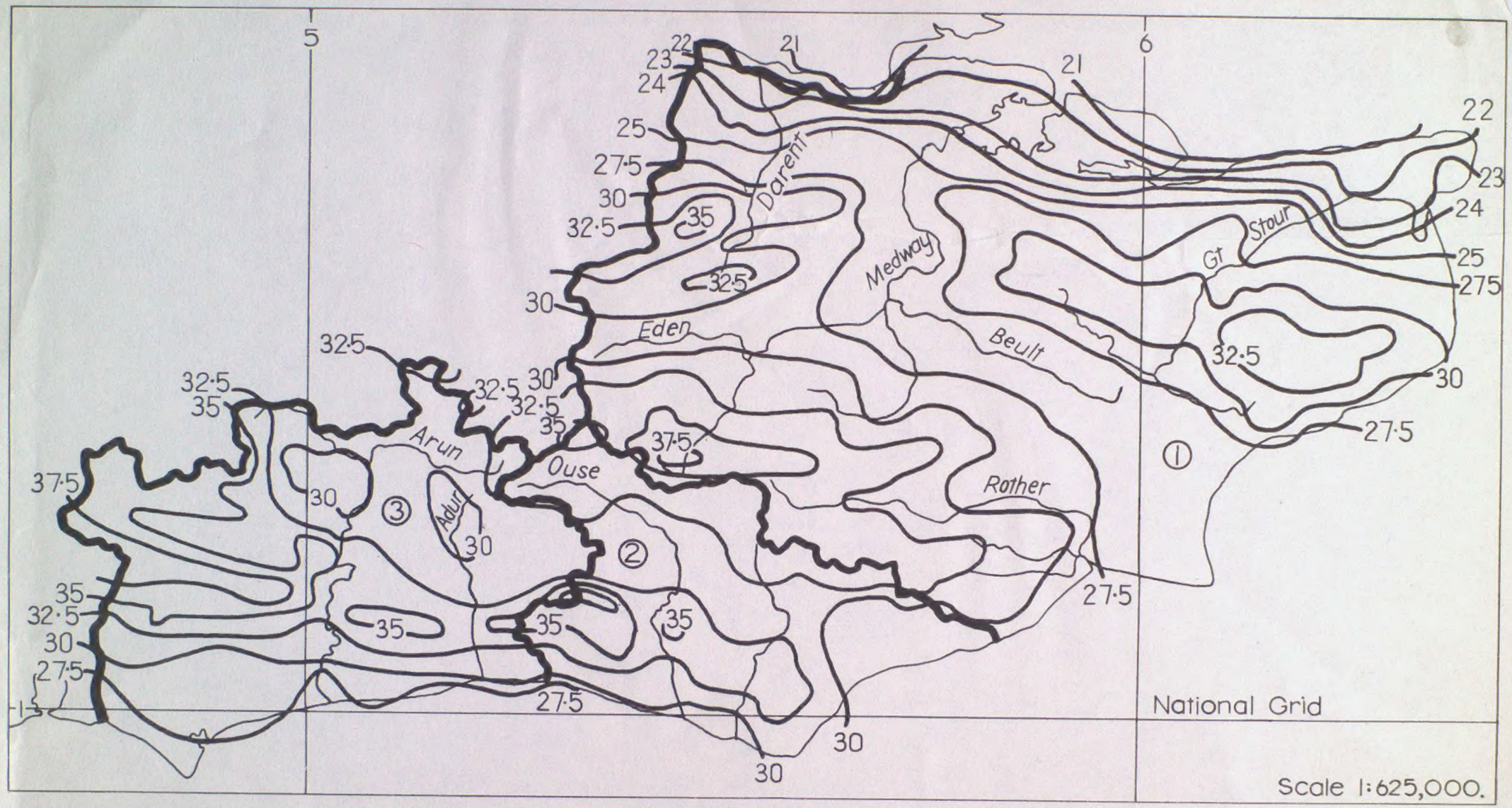


Fig 2. AVERAGE ANNUAL RAINFALL 1916-1950, (in inches) over the areas of the:

① Kent River Board
② East Sussex River Board
③ West Sussex River Board.